

**Petroglyph Operating Co., Inc.**

**P.O. Box 607**

**Roosevelt, UT 84066**

July 7, 2008

Utah Division of Oil, Gas, & Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL  
UTE TRIBAL 30-04  
NW/NW, SECTION 30, T5S, R3W  
DUCHESNE COUNTY, UTAH  
LEASE NO. BIA 14-20-H62-3519  
UTE INDIAN TRIBAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

This permit was previously approved by the BLM on August 19, 1997, but expired. Thus, we are re-submitting this new application.

Please address further communication regarding this matter (including approval) to:

Ed Trotter  
P.O. Box 1910  
Vernal, UT 84078  
Phone: (435)789-4120  
Fax: (435)789-1420

Thank you for your attention to this matter.

Sincerely,



Ed Trotter  
Agent

Petroglyph Operating Co., Inc.

Attachments

UDOGM-POCI

RECEIVED

JUL 30 2008

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

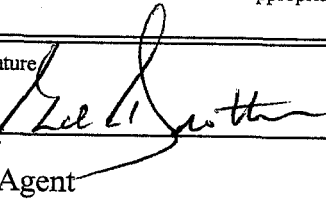
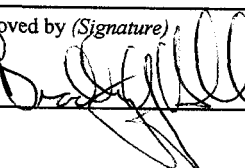
FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>14-20-H62-3519</b>
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name <b>UTE INDIAN TRIBE</b>
2. Name of Operator <b>PETROGLYPH OPERATING CO., INC.</b>		7. If Unit or CA Agreement, Name and No. <b>UTE TRIBAL</b>
3a. Address <b>P.O. BOX 607, ROOSEVELT, UT 84066</b>		8. Lease Name and Well No. <b>UTE TRIBAL #30-04</b>
3b. Phone No. (Include area code) <b>(435)722-2531</b>		9. API Well No. <b>43013-34055</b>
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <b>606' FNL, 526' FWL NW/NW</b> <b>56.2095X 40.023152</b> At proposed prod. Zone <b>44303704 - 110.272330</b>		10. Field and Pool, or Exploratory <b>ANTELOPE CREEK</b>
11. Sec., T., R., M., or Blk. and Survey or Area <b>SEC. 30, T5S, R3W, U.S.B.&amp;M.</b>		12. County or Parish <b>DUCHESNE</b>
13. State <b>UTAH</b>		14. Distance in miles and direction from nearest town or post office* <b>20.6 MILES SOUTHWEST OF MYTON, UTAH</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any) <b>526'</b>	16. No. of Acres in lease <b>640</b>	17. Spacing Unit dedicated to this well <b>80</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>See Topo Map "C"</b>	19. Proposed Depth <b>5640.5'</b>	20. BLM/BIA Bond No. on file <b>Bond #4138336</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>6131.5 FEET GRADED GROUND</b>	22. Approximate date work will start* <b>UPON APPROVAL</b>	23. Estimated duration <b>45 DAYS</b>

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature 	Name (Printed/Typed) <b>Ed Trotter</b>	Date <b>July 7, 2008</b>
Title <b>Agent</b>		
Approved by (Signature) 	Name (Printed/Typed) <b>BRADLEY G. HILL</b>	Date <b>07-31-08</b>
Title <b>Environmental Manager</b>	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of Approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Continued on page 2)

Federal Approval of this  
Action is Necessary

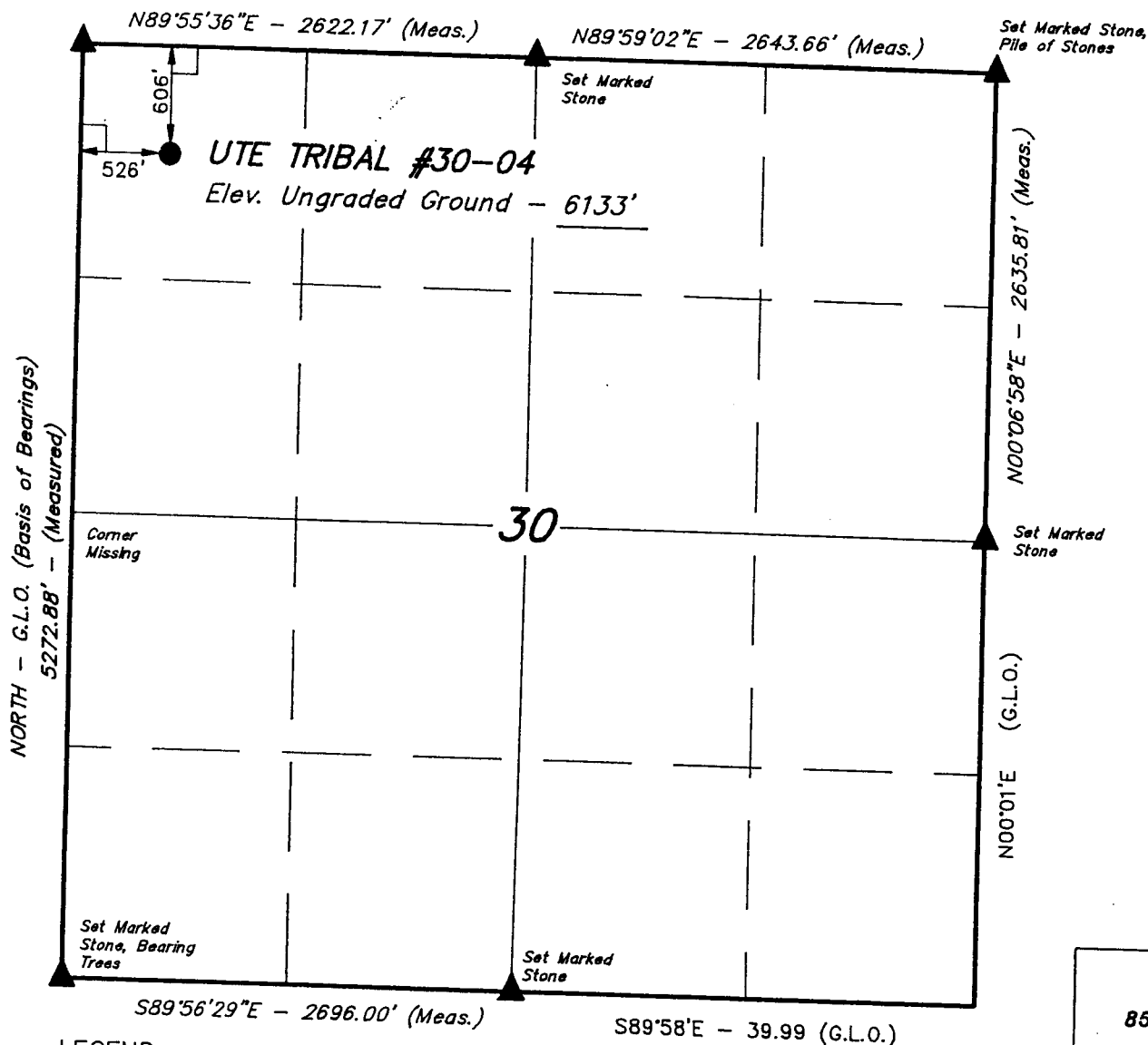
RECEIVED  
JUL 30 2008  
DIV. OF OIL, GAS & MINING

1 1/2" Galv. Cap  
Set Marked Stone,  
Steel Post & Pile  
of Stones

**T5S, R3W, U.S.B.&M.**

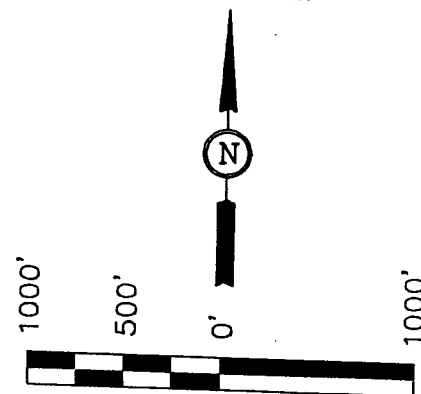
**PETROGLYPH OPERATING CO., INC.**

Well Location, UTE TRIBAL #30-04, located as shown in NW 1/4 NW 1/4 of Section 30, T5S, R3W, U.S.B.&M. Duchesne County, Utah.



### BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 30, T5S, R3W, U.S.B.&M. TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6116 FEET.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE SURVEY WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
ROBERT L. RAY  
REGISTRATION NO. 161319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 5-7-97	DATE DRAWN: 5-14-97
PARTY G.S. J.K. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE PETROGLYPH OPERATING CO.	

EIGHT POINT PLAN

UTE TRIBAL #30-04  
NW/NW, SEC. 30, T5S R3W  
DUCHESNE COUNTY, UTAH

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

FORMATIONS	DEPTH	SUBSEA
Mahogany Shale	2484.5	3657
"X" Marker	4037.5	2104
Douglas Creek	4154.5	1987
"B" Limestone	4532.5	1609
B/Castle Peak Limestone	5107.5	1034
Basal Carbonate Limestone	5530.5	611
Total Depth	5640.5	501

Anticipated BHP                      2000 psi

2. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS FORMATIONS:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Oil/Gas	Douglas Creek	4154.5	1987
Oil/Gas	B/Castle Peak	5107.5	1034
Other mineral zones	N/A		

3. PRESSURE CONTROL EQUIPMENT : BOP Schematic Diagram attached.

4. CASING PROGRAM :

						<u>MINIMUM SAFETY FACTOR</u>		
<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
12 1/4	0' - 250'	250'	8 5/8	24.0 #	J-55	1370 PSI	2950 PSI	263,000#
7 7/8	0-5604.5'	5604.5'	5 1/2	15.5 #	M-50	3650 PSI	4550 PSI	186,000#

All casing will be new or inspected.

EIGHT POINT PLAN

UTE TRIBAL #30-04  
NW/NW, SEC. 30, T5S R3W  
DUCHESNE COUNTY, UTAH

5. MUD PROGRAM

INTERVAL

0' - 250'  
250' - 4000'  
4000' - TD  
TD

MUD TYPE

Air  
Air/Mist & Aerated Water  
Air/3 % KCL water or KCL substitute  
Gel/polyacrylamide polymer w/5-10% LCM

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

6. VARIANCE REQUESTS:

- A. Petroglyph Operating Co., Inc. requests a variance to regulations requiring a straight run blooie line.
- B. Petroglyph Operating Co., Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.

7. EVALUATION PROGRAM:

Logs: Mud Logging  
Compensated Density-Compensated Neutron Log  
Dual Laterolog - Micro-SFL  
Numar (Magnetic Resonance Imaging Log)

T.D. to base of surface csg.  
T.D. to base of surface csg.  
T.D. to base of surface csg.  
@ Geologists discretion

Cores: None Programmed

DST: None Programmed

Completion: To be submitted at a later date.

8. ABNORMAL CONDITIONS:

None anticipated.

EIGHT POINT PLAN

UTE TRIBAL #30-04  
NW/NW, SEC. 30, T5S R3W  
DUCHESNE COUNTY, UTAH

9. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

10. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

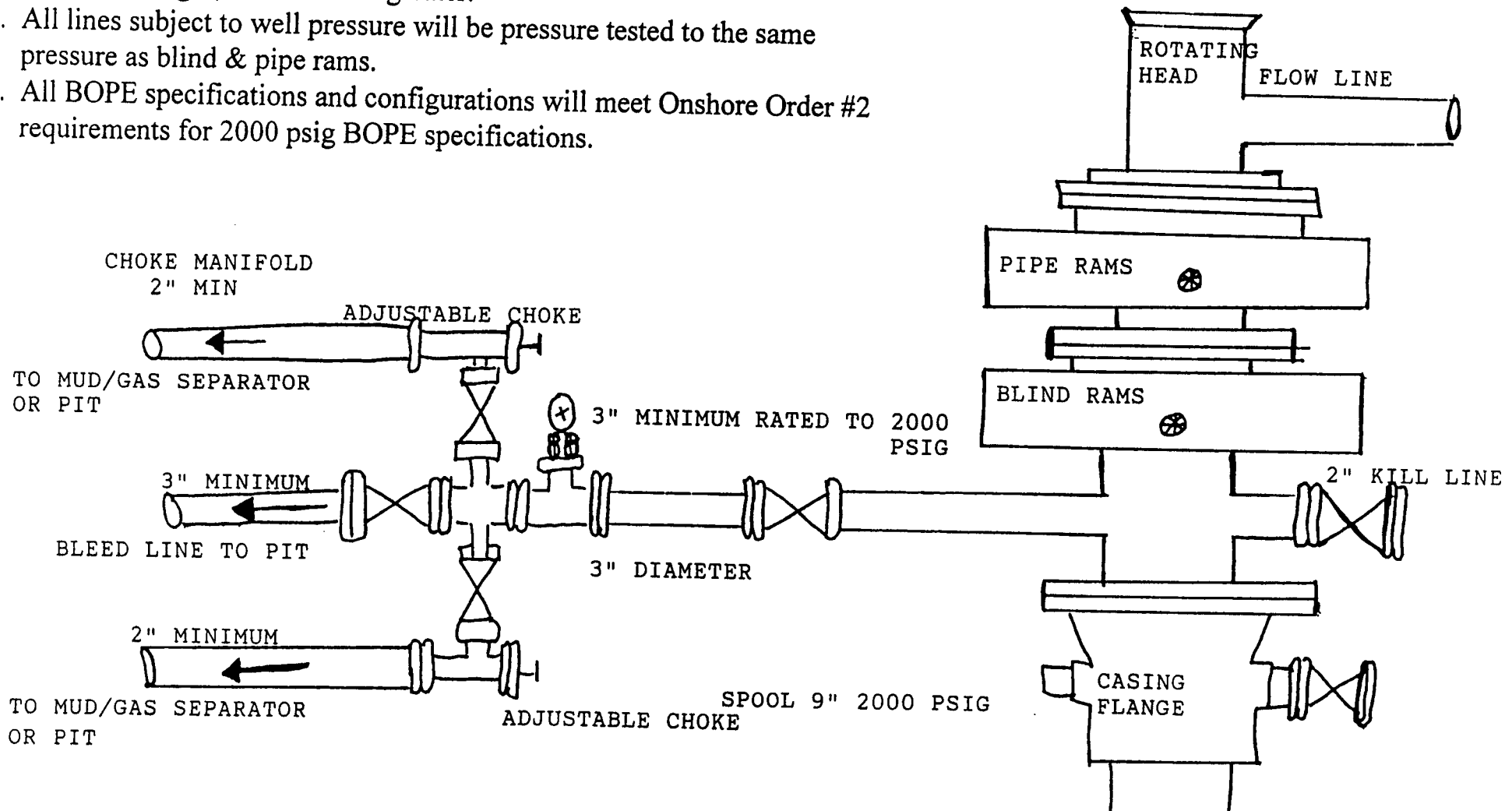
(Attachment: BOP Schematic Diagram)

## 2000 PSIG DIAGRAM

BOTH RAMS ARE 2000 PSIG RATED.  
CASING FLANGE IS 9" 2000 PSIG RATED.  
BOPE 9" 2000 PSIG

### TESTING PROCEDURE:

1. BOPE 's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind rams will be tested to rated working pressure, 2000 psig
3. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
4. All lines subject to well pressure will be pressure tested to the same pressure as blind & pipe rams.
5. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 2000 psig BOPE specifications.



CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Petroglyph Operating Co., Inc.  
Well Name & Number: Ute Tribal #30-04  
Lease Number: BIA 14-20-H62-3519  
Location: 606' FNL & 526' FWL, NW/NW, Sec. 30, T5S R3W  
U.S.B.&M., Duchesne County, Utah.  
Surface Ownership: Ute Indian Tribe

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice - at least twenty-four (24) hours prior to spudding the well.

Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.

BOP and related Equipment Tests - twenty-four (24) hours prior to running casing and tests.

First Production Notice - within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice To Drill and Surface Use Program.



## THIRTEEN POINT SURFACE USE PROGRAM

### 1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing road.
- B. The proposed well site is located approximately 20.6 miles southwest of Myton, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

### 2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.4 miles in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/18 foot running surface.
- C. Maximum grade on access road will be 8%
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges or major cuts & fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way.

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the

roadbed as necessary to provide a well-constructed safe road.

Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of- Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, Petroglyph Operating Co., Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION

- A. Water wells - None
- B. Abandoned wells - None
- C. Temporarily abandoned wells - None.
- D. Disposal wells - None.
- E. Drilling wells - None.
- F. Producing wells - 5\*
- G. Shut in wells - None
- H. Injection wells - None

(\*See attached TOPO map "C" for location)

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Tank batteries - Yes
- 2. Production facilities-To be submitted later
- 3. Oil gathering lines - None

4. Gas gathering lines-None
5. Injection lines - None
6. Disposal lines - None
7. Surface pits - None

**B. OFF WELL PAD**

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. A 4 1/2" OD steel above ground production pipeline will be laid approximately 100' from proposed location to a point in the NW/NW of Section 30, T5S, R3W, where it will tie into Petroglyph Operating Co., Inc.'s existing pipeline. Proposed pipeline crosses Ute Tribe lands, thus a Right-of-Way grant will be required. See attached TOPO Map D showing pipeline route.
3. Proposed pipeline will be a 4 1/2" OD steel, welded line laid on the surface.
4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the Ute Tribal #30-05 location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities required will be painted within 6 months of installation. Facilities required to comply with O.S.H.A.

(Occupational Safety and Health Act) will be excluded.

The required paint color is Desert Brown.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Target Trucking's Roosevelt Brine Storage and/or Target's water source in SE 1/4, Sec. 1, T 4S, R 5W Duchesne County, Utah (State water right #43-10152). All water will come from a non-depletable source.
- B. Water will be hauled by Target Trucking.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of location.
- B. All construction material will come from Ute Tribal Land.
- C. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at an approved waste disposal facility.
- 4. Produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, together with the required water analysis, will be submitted for the AO's approval.

5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on drilling rig to avoid leakage of oil to pit.

- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to reserve pit will be avoided by flaring them off in flare pit at time of recovery.

Burning of trash will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

On BIA administered land:

All reserve pits will be lined with either native clay, commercial bentonite or plastic sufficient to prevent seepage. (If a plastic nylon reinforced liner is used, it shall be torn and perforated after the pit dries and before backfilling of the reserve pit).

A 12 mill liner shall be installed in the reserve pit.

\_\_\_ To protect the environment:

If the reserve pit is lined the operator will provide the BIA with a chemical analysis of the fluids in that pit no later than 90 days after the well completion to determine the method for final reclamation of the reserve pit. If the elemental concentrations shown by the chemical analysis exceeds the requirements described by part II, Standards of Quality for Waters of the State, Wastewater Disposal Regulations, State of Utah Division of Health, the contents and liner will be removed and disposed of at an authorized disposal site.

\_\_\_ To protect the environment (without a chemical analysis)  
reserve pits will be constructed so as not to leak, break, or allow discharge of liquids.

\_\_\_ Storage tanks will be used if drill sites are located on tribal

irrigable land, flood plains, or on lands under crop production. After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

## 8. ANCILLARY FACILITIES

- A. No airstrips or camps are planned for this well.

## 9. WELL SITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills & cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation parking areas, and access road.

The reserve pit will be located on the East side of the location.

The flare pit will be located downwind of the prevailing wind direction on the East side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored on the North end.

Access to the well pad will be from the South.

N/A Diversion ditch(es) shall be constructed on the \_\_\_\_\_ side of the location (above/below) the cut slope, draining to the \_\_\_\_\_

N/A Soil compacted earthen berm(s) shall be placed on the \_\_\_\_\_ side(s) of the location between the \_\_\_\_\_

N/A The drainage(s) shall be diverted around the sides of the well pad location.

N/A The reserve pit and/or pad locations shall be constructed long and narrow for topographic reasons \_\_\_\_\_

X Corner No. 2 will be rounded off to minimize excavation.

## FENCING REQUIREMENTS

All pits will be fenced according to the following minimum standards:

- A. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16'.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BIA or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly travelled. If the well is a producer, the cattleguards (shall/ shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence located on federal land, or any fence between federal land and private land, the operator will contact the BIA, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to

satisfy himself/herself that the fence is adequately braced and tied off.

## 10. PLANS FOR RESTORATION OF SURFACE

### A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion (weather permitting).

Before any dirt work takes place, the reserve pit will be completely dry and all cans, barrels, pipe, fluid, and hydrocarbons, will be removed.

Contact appropriate surface management agency for required seed mixture.

### B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and BIA will attach the appropriate surface rehabilitation conditions of approval.

#### ON BIA Administered lands:

Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) reestablishing irrigation systems where applicable, (b) reestablishing soil conditions in irrigated fields in such a way as to ensure cultivation and harvesting of crops and, (c) ensuring revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA at the time of abandonment.



11. SURFACE OWNERSHIP

Access road: Ute Indian Tribe

Location: Ute Indian Tribe

12. OTHER INFORMATION

A. Petroglyph Operating Co., Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:  
-whether the materials appear eligible for the National Register of historic Places;

the mitigation measures the operator will likely have to undertake before the site can be used.

-a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, Petroglyph Operating Co., Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BIA,

or the appropriate County Extension Office. On BIA administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Tribal Lands after the conclusion of drilling operations or at any other time without BIA authorization. However, if BIA authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

On BIA administered land:

Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way authorization". All operators, subcontractors, vendors, and their employees or agents may not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.

If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, an approved right-of-way will be obtained from the BIA before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, rights-of-way will be obtained from the other entity.

All roads constructed by operators on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members (d) that permits must be obtained from the BIA before cutting firewood or other timber products, and (e) only authorized personnel permitted. All well site locations on the Uintah and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator,

the lease serial number, the well name and number, the survey description of the well (either footage or the quarter-quarter section, the section, township, and range).

**Additional Surface Stipulations**

N/A No construction or drilling activities shall be conducted between \_\_\_\_\_ and \_\_\_\_\_ because of \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

N/A No surface occupancy will be allowed within 1,000 feet of any sage Grouse hunting ground.

N/A No construction or exploration activities are permitted within a 1.5 mile radius of sage grouse strutting grounds from April 1 to June 30.

N/A There shall be no surface disturbance within 600 feet of live water (includes stock tanks, springs, and guzzlers).

N/A No cottonwood trees will be removed or damaged.

N/A Pond will be constructed according to BLM specifications approximately \_\_\_\_\_ feet \_\_\_\_\_ of the location, as flagged on the onsite.

**LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION**

**PERMITTING**

Ed Trotter  
P.O. Box 1910  
Vernal, UT 84078  
Telephone: (435)789-4120  
Fax: (435)789-1420

**OPERATIONS**

Steve Wall  
P.O. Box 607  
Roosevelt, UT 84066  
(435)722-2531  
(435)722-9145

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. Petroglyph Operating Co., Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The BIA office shall be notified upon site completion prior to moving on the drilling rig.

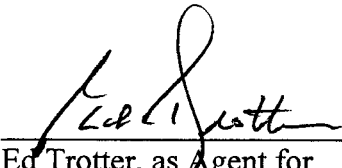
**Certification**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Petroglyph Operating Co., Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that Petroglyph Operating Co., Inc. is considered to be the operator of the **UTE TRIBAL 30-04 well, located in the NW/NW of Section 30, T5S, R3W, Duchesne County, Utah; Lease #14-20-H62-3519;** and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #4138336.

7-7-2008

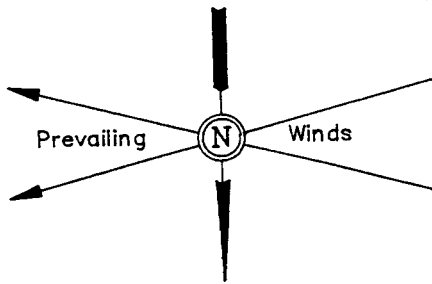
Date

  
Ed Trotter, as Agent for  
Petroglyph Operating Co., Inc.

# PETROGLYPH OPERATING CO., INC.

## LOCATION LAYOUT FOR

UTE TRIBAL #30-04  
SECTION 30, T5S, R3W, U.S.B.&M.  
606' FNL 526' FWL



SCALE: 1" = 50'  
DATE: 5-14-97  
Drawn By: C.B.T.

### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

NOTE:  
Pit Capacity W/2' of Freeboard is ±4,600 Bbls.

### FLARE PIT



El. 41.5'  
**C-18.0'**  
(btm. pit)

**C-4.6'**  
El. 36.1'

**F-1.6'**  
El. 29.9'

**F-2.2'**  
El. 29.3'

**F-2.7'**  
El. 28.8'

Sta. 2+90

Proposed Access Road to the #19-13

Sta. 1+65

**F-4.0'**  
El. 27.5'

Approx. Toe of Fill Slope

Sta. 0+00

**F-6.1'**  
El. 25.4'

**C-2.9'**  
El. 34.4'

**F-0.3'**  
El. 31.2'

Approx. Top of Cut Slope

Reserve Pit Backfill & Spoils Stockpile

El. 42.7'  
**C-19.2'**  
(btm. pit)

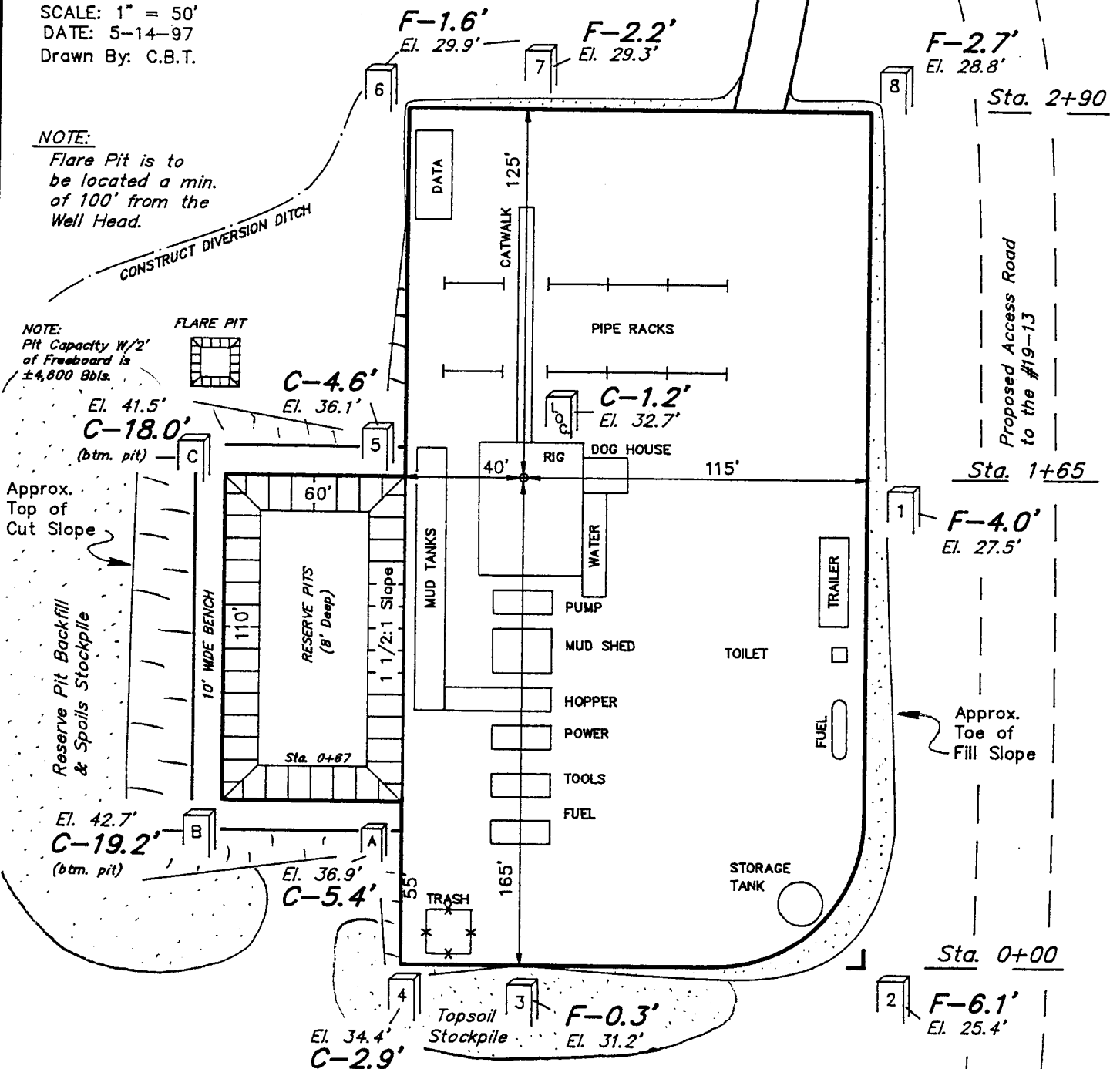
**C-5.4'**  
El. 36.9'

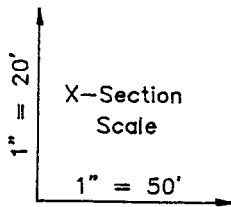
Topsoil Stockpile

Elev. Ungraded Ground at Location Stake = 6132.7'

Elev. Graded Ground at Location Stake = 6131.5'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

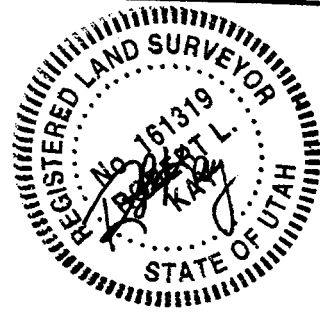




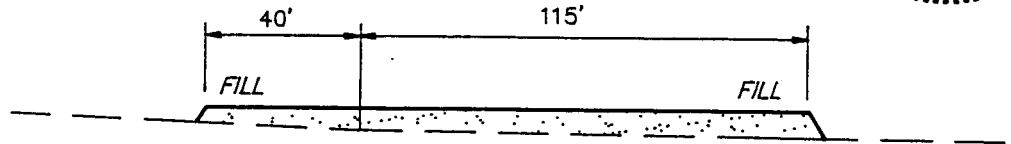
# PETROGLYPH OPERATING CO., INC.

## TYPICAL CROSS SECTIONS FOR

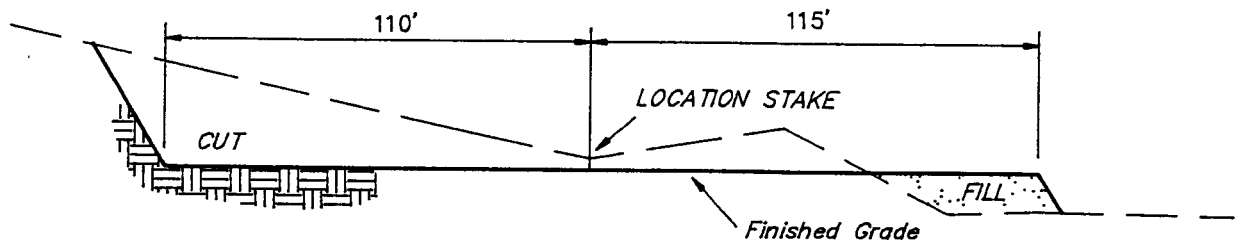
UTE TRIBAL #30-04  
SECTION 30, T5S, R3W, U.S.B.&M.  
606' FNL 526' FWL



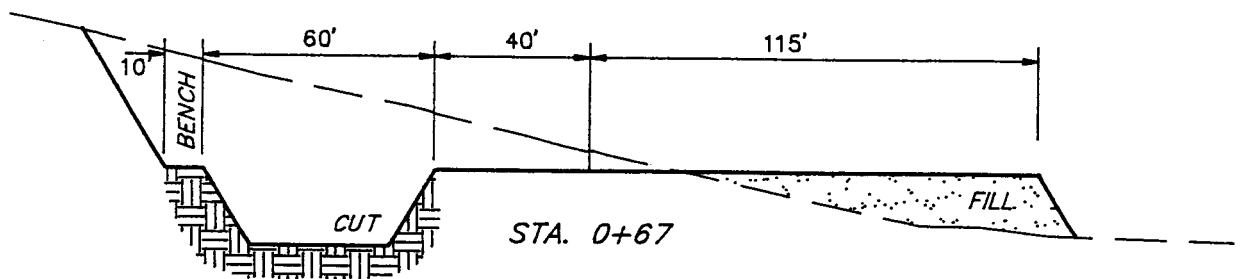
DATE: 5-14-97  
Drawn By: C.B.T.



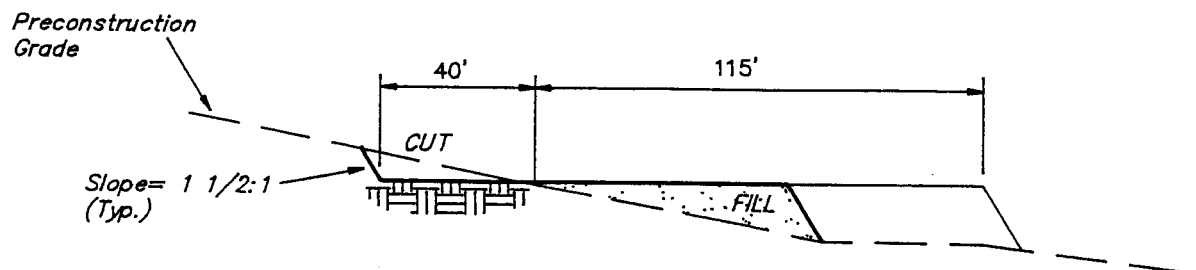
STA. 2+90



STA. 1+65



STA. 0+67



STA. 0+00

### APPROXIMATE YARDAGES

(12") Topsoil Stripping = 1,910 Cu. Yds.  
Remaining Location = 5,410 Cu. Yds.  
TOTAL CUT = 7,320 CU.YDS.  
FILL = 4,470 CU.YDS.

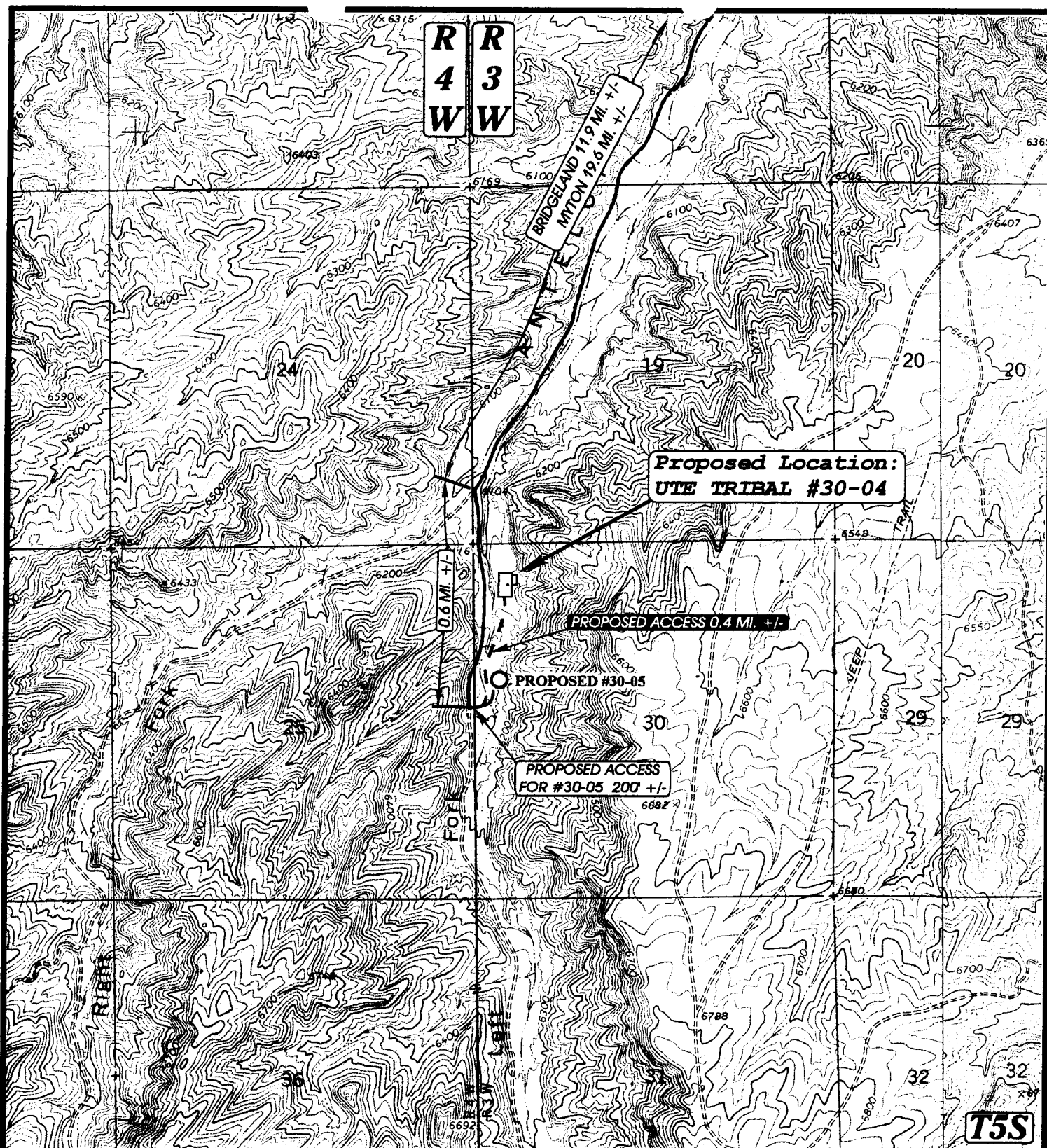
EXCESS MATERIAL AFTER  
5% COMPACTION = 2,610 Cu. Yds.  
Topsoil & Pit Backfill  
(1/2 Pit Vol.) = 2,610 Cu. Yds.  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



DATE: 5-16-97  
Drawn by: D.COX

**UTE TRIBAL #30-04**  
**SECTION 30, T5S, R3W, U.S.B.&M.**  
**606' FNL 526' FWL**



UELS

TOPOGRAPHIC  
MAP "B"

DATE: 5-16-97  
Drawn by: D. COX



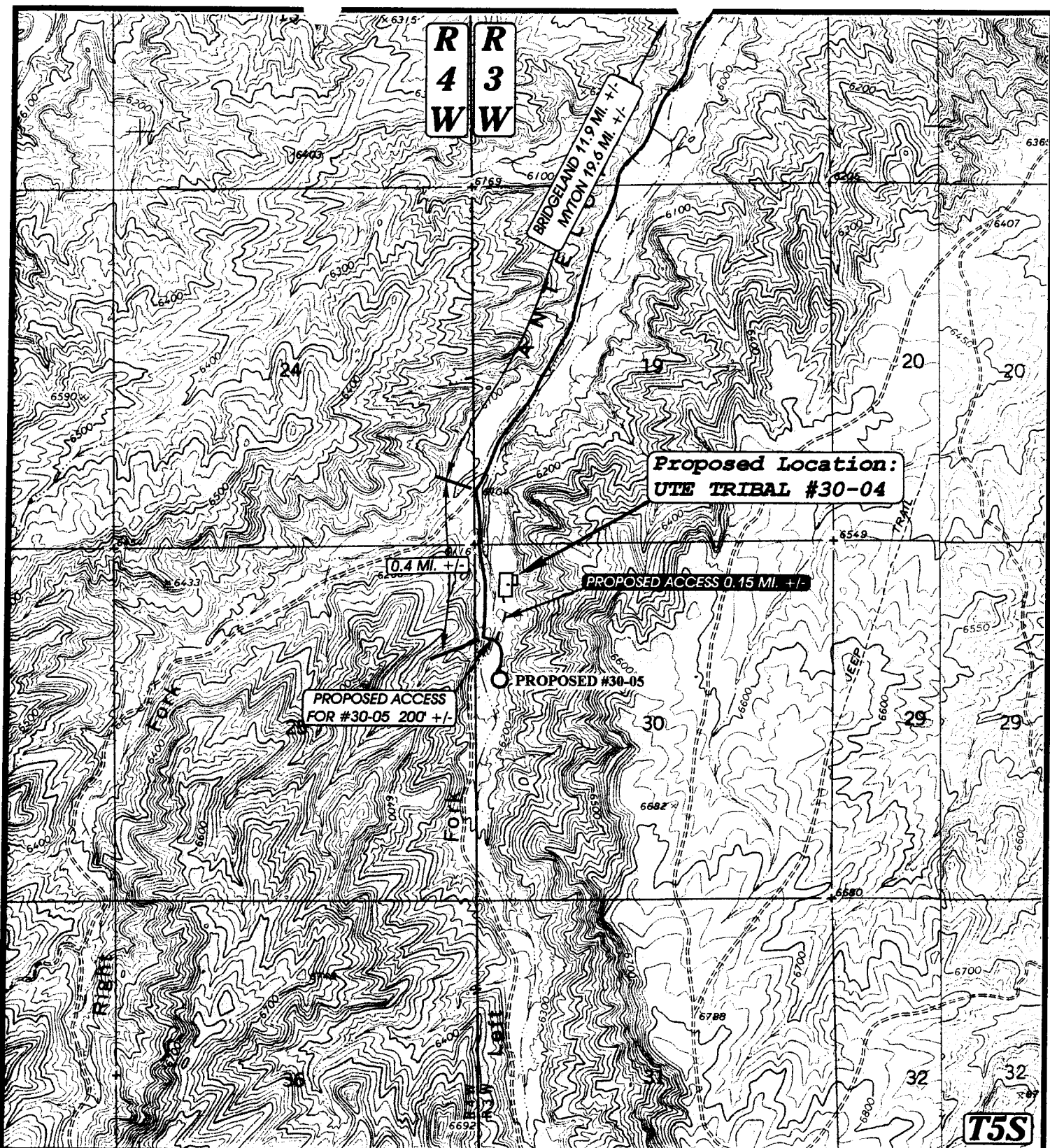
PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #30-04  
SECTION 30, T5S, R3W, U.S.B.&M.  
606' FNL 526' FWL

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

SCALE: 1" = 2000'





**UEIS**

**TOPOGRAPHIC  
MAP "B"**

**DATE: 5-16-97**

**Drawn by: D.COX**

**REVISED: 6-30-97 D.COX**



**PETROGLYPH OPERATING CO., INC.**

**UTE TRIBAL #30-04**

**SECTION 30, T5S, R3W, U.S.B.&M.**

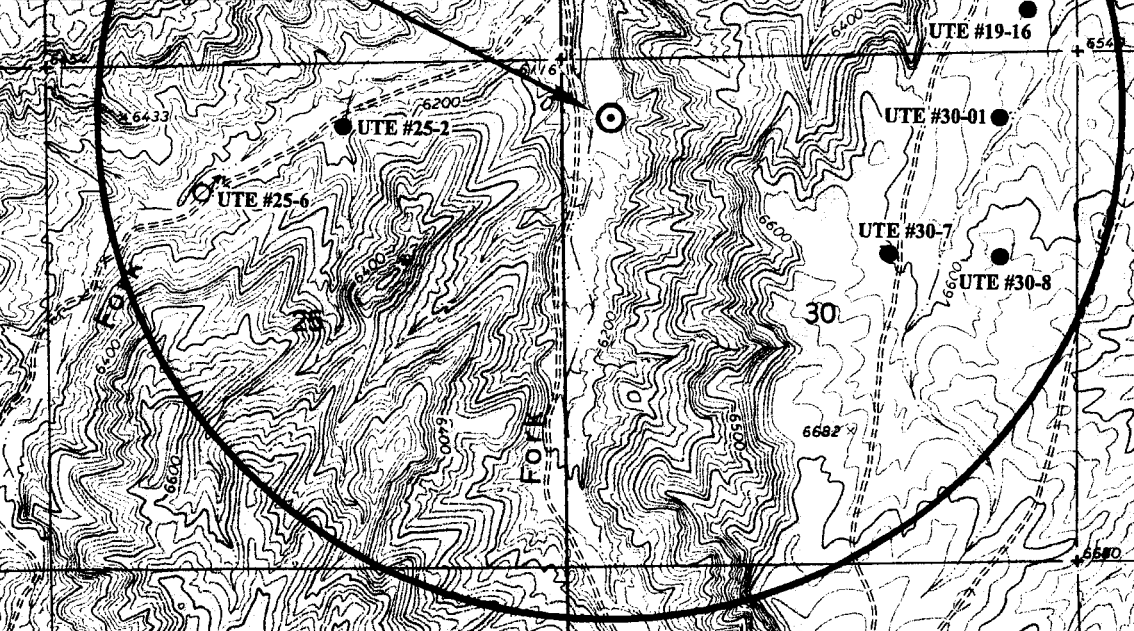
**606' FNL 526' FWL**

**SCALE: 1" = 2000'**

**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

R  
4  
W  
R  
3  
W

Proposed Location:  
UTE TRIBAL #30-04



T5S

**LEGEND:**

- Water Wells
- Abandoned Wells
- Temporarily Abandoned Wells
- Disposal Wells
- Drilling Wells
- Producing Wells
- Shut-In Wells

UE  
EL  
S



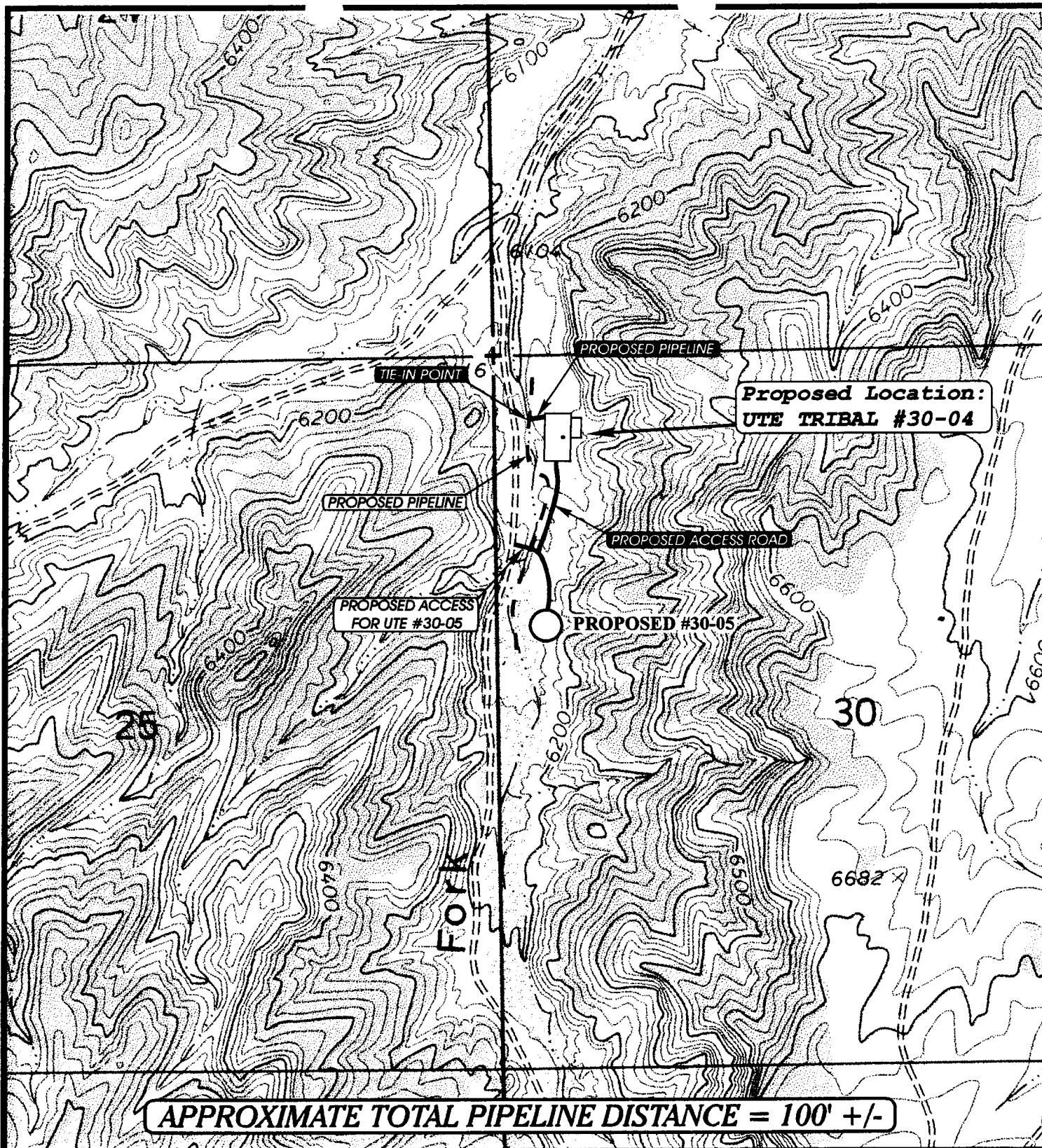
**PETROGLYPH OPERATING CO., INC.**

**UTE TRIBAL #30-04**  
**SECTION 30, T5S, R3W, U.S.B.&M.**  
**TOPOGRAPHIC MAP "C"**

UNTIAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

SCALE: 1" = 2000'

DATE: 5-16-97  
Drawn by: D.COX



UEIS

TOPOGRAPHIC  
MAP "D"

— — — — Existing Pipeline  
- - - - - Proposed Pipeline



**PETROGLYPH OPERATING CO., INC.**

**UTE TRIBAL #30-04**  
**SECTION 30, T5S, R3W, U.S.B.&M.**

**606' FNL 526' FWL**

**DATE: 5-16-97**

**Drawn by: D.COX**

**REVISED: 6-30-97 D.COX**

**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

**SCALE: 1" = 1000'**

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/30/2008

API NO. ASSIGNED: 43-013-34055

WELL NAME: UTE TRIBAL 30-04

OPERATOR: PETROGLYPH OPERATING CO ( N3800 )

CONTACT: ED TROTTER

PHONE NUMBER: 435-722-2531

PROPOSED LOCATION:

NWNW 30 050S 030W

SURFACE: 0606 FNL 0526 FWL

BOTTOM: 0606 FNL 0526 FWL

COUNTY: DUCHESNE

LATITUDE: 40.02315 LONGITUDE: -110.2723

UTM SURF EASTINGS: 562095 NORTHINGS: 4430370

FIELD NAME: ANTELOPE CREEK ( 60 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-3519

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: CSLPK

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[] Ind[2] Sta[] Fee[]  
(No. 4138336 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-10152 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

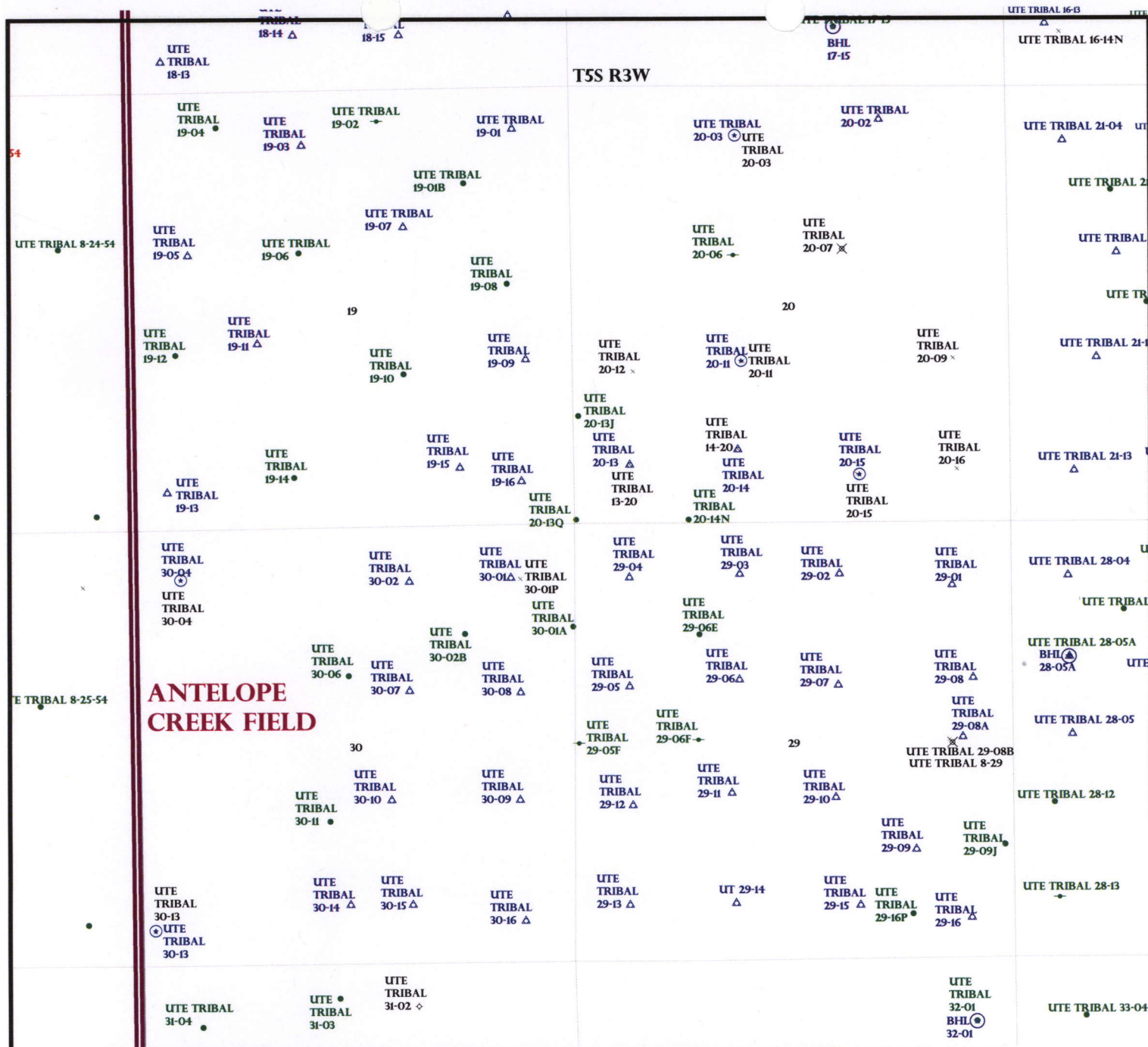
\_\_\_ R649-2-3.  
Unit: \_\_\_\_\_  
☒ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
\_\_\_ R649-3-3. Exception  
\_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_  
\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

1. Federal Approval  
2. Spacing Stip





OPERATOR: PETROGLYPH OPER (N3800)

SEC: 20,30 T.5S R. 3W

FIELD: ANTELOPE (60)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

**Field Status**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



PREPARED BY: DIANA MASON  
DATE: 31-JULY-2008



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

July 31, 2008

Petroglyph Operating Co., Inc.  
P O Box 607  
Roosevelt, UT 84066

Re: Ute Tribal 30-04 Well, 606' FNL, 526' FWL, NW NW, Sec. 30, T. 5 South, R. 3 West,  
Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34055.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal Office

**Operator:** Petroglyph Operating Co., Inc.  
**Well Name & Number** Ute Tribal 30-04  
**API Number:** 43-013-34055  
**Lease:** 14-20-H62-3519

**Location:** NW NW                      **Sec.** 30                      **T.** 5 South                      **R.** 3 West

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office      (801) 733-0983 home

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

**5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-3519
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO., INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
3. ADDRESS OF OPERATOR: P.O. BOX 607 CITY ROOSEVELT STATE UT ZIP 84066		7. UNIT or CA AGREEMENT NAME: UTE TRIBAL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 606' FNL, 526' FWL		8. WELL NAME and NUMBER: UTE TRIBAL 30-04
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 30 5S 3W U		9. API NUMBER: 4301334055
COUNTY: DUCHESNE		10. FIELD AND POOL, OR WILDCAT: ANTELOPE CREEK
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: RENEWAL
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
APD was approved July 31, 2008. Operator requests that approval be extended for another year.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 09-02-09  
By: [Signature]

COPY SENT TO OPERATOR

Date: 9.3.2009  
Initials: KS

NAME (PLEASE PRINT) Ed Trotter TITLE Agent  
SIGNATURE [Signature] DATE 8/26/2009

(This space for State use only)

RECEIVED  
AUG 31 2009  
DIV. OF OIL, GAS & MINING



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4301334055  
**Well Name:** UTE TRIBAL 30-04  
**Location:** 606' FNL, 526' FWL, NWNW, SEC. 30, T5S, R3W  
**Company Permit Issued to:** PETROGLYPH OPERATING CO., INC.  
**Date Original Permit Issued:** 7/31/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

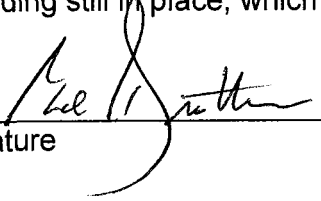
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
\_\_\_\_\_  
Signature

8/26/2009  
\_\_\_\_\_  
Date

Title: Agent

Representing: Petroglyph Operating Co., Inc.

**RECEIVED**  
**AUG 31 2009**  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

INTERNAL FIELD OFFICE

APPLICATION FOR PERMIT TO DRILL OR REENTER

2008 JUL 28 PM 2:02

DEPT OF THE INTERIOR  
BUREAU OF LAND MGMT

Lease Serial No.

14-20-H62-3519

If Indian, Allottee or Tribe Name

UTE INDIAN TRIBE

If Unit or CA Agreement, Name and No.

UTE TRIBAL 14-20-H62-4650

8. Lease Name and Well No.

UTE TRIBAL #30-04

9. API Well No.

43-013-34055

10. Field and Pool, or Exploratory

ANTELOPE CREEK

11. Sec., T., R., M., or Blk. and Survey or Area

SEC. 30, T5S, R3W,  
U.S.B.&M.

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☐ Single Zone ☒ Multiple Zone

2. Name of Operator

PETROGLYPH OPERATING CO., INC.

3a. Address P.O. BOX 607,  
ROOSEVELT, UT 84066

3b. Phone No. (Include area code)  
(435)722-2531

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface 606' FNL, 526' FWL

NW/NW

At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office\*

20.6 MILES SOUTHWEST OF MYTON, UTAH

12. County or Parish

DUCHESNE

13. State

UTAH

15. Distance from proposed\*

location to nearest 526'

property or lease line, ft.  
(Also to nearest drig. Unit line, if any)

16. No. of Acres in lease

640 ✓

17. Spacing Unit dedicated to this well

80

18. Distance from proposed location\*

to nearest well, drilling, completed,  
applied for, on this lease, ft.

See Topo  
Man "C"

19. Proposed Depth

5640.5' ✓

20. BLM/BIA Bond No. on file

Bond #4138336

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

6131.5 FEET GRADED GROUND

22. Approximate date work will start\*

UPON APPROVAL

23. Estimated duration

45 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the  
SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file  
(see Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required  
by the BLM.

25. Signature

Name (Printed/Typed)

Ed Trotter

Date

July 7, 2008

Title

Agent

Approved by (Signature)

Name (Printed/Typed)

Date

Title

Assistant Field Manager  
Lands & Mineral Resources

Office

VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to  
conduct operations thereon.

Conditions of Approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the  
United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Continued on page 2)

RECEIVED  
JAN 28 2010

NOTICE OF APPROVAL

09CS0009A

UDOGM

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Petroglyph Operating Co., Inc.  
Well No: Ute Tribal 30-04  
API No: 43-013-34055

Location: NWNW, Sec. 30, T5S, R3W  
Lease No: 14-20-H62-3519  
Agreement: Antelope Creek 14-20-H62-4650

**OFFICE NUMBER: (435) 781-4400**

**OFFICE FAX NUMBER: (435) 781-3420**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <a href="mailto:ut_vn_opreport@blm.gov">ut_vn_opreport@blm.gov</a> .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

General Conditions of Approval

- A 75 foot corridor access road right-of-way shall be approved.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.

- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

#### Additional Conditions of Approval

- Paint all facilities and equipment desert tan.
- Construct diversion ditch.
- Move 1" poly pipeline over to the bigger 4" poly pipeline on other side of access.

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

Site Specific Drilling Plan COA's:

- All casing strings below the conductor shall be pressure tested to 0.22 psi/foot or 1500 psi, whichever is greater but not to exceed 70% of the internal yield.
- BOPE shall be tested in accordance with Onshore Order #2.

Variances Granted

Air Drilling

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for compressors to be 75' from well bore.
- Straight run blooie line. Variance granted for targeted "T"'s at bends.
- Automatic igniter. Variance granted to not have an igniter at the end of the blooie line.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil &

Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or



data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

BLM - Vernal Field Office - Notification Form

Operator Petroglyph Operating Rig Name/# Craig's/ Air rig  
Submitted By Jason Bywater Phone Number 435-722-5310  
Well Name/Number Ute Tribal 30-04  
Qtr/Qtr NW/NW Section 30 Township 5S Range 3W  
Lease Serial Number 14-20-H62-3519  
API Number 43-013-34055

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 3/17/2010 1:00 AM ☐ PM ☒

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

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Date/Time \_\_\_\_\_ AM ☐ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time \_\_\_\_\_ AM ☐ PM ☐

Remarks Set 40' of conductor.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

FORM 6

**ENTITY ACTION FORM**

Operator: Petroglyph Operating Company Operator Account Number: N 3800  
Address: P.O. Box 607  
city Roosevelt  
state UT zip 84066 Phone Number: (435) 722-2531

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301334055	Ute Tribal 30-04		NWNW	30	T5S	R3W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	17577	3/17/2010		4/28/10		
Comments: CSL PK = GRPV							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Glenda Davis

Name (Please Print)

Signature

Office Manager

Title

4/27/2010

Date

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**APR 27 2010**

**DIV. OF OIL, GAS & MINING**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
PETROGLYPH OPERATING COMPANY

3. ADDRESS OF OPERATOR:  
PO BOX 607 CITY ROOSEVELT STATE UT ZIP 84066

PHONE NUMBER:  
(435) 722-2531

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 606' FSL, 526' FWL

COUNTY: DUCHESNE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 30 T5S R3W

STATE: UTAH

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START, RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE DATE OF FIRST PRODUCTION FOR THIS WELL WAS ON 5/28/2010

NAME (PLEASE PRINT) GLENDA DAVIS

TITLE OFFICE MANAGER

SIGNATURE

*Glenda Davis*

DATE 6/1/2010

(This space for State use only)

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JUN 03 2010

DIV. OF OIL, GAS & MINING

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-3519
b. TYPE OF WORK:		NEW WELL <input checked="" type="checkbox"/>	HORIZ. LATS. <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	RE-ENTRY <input type="checkbox"/>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME UTE TRIBE
2. NAME OF OPERATOR: PETROGLYPH						7. UNIT or CA AGREEMENT NAME
3. ADDRESS OF OPERATOR: BOX 607 CITY ROOS. STATE UT ZIP 84066		PHONE NUMBER: (435) 722-2531		8. WELL NAME and NUMBER: UTE TRIBAL 30-04		9. API NUMBER: 4301334055
4. LOCATION OF WELL (FOOTAGES)		10 FIELD AND POOL, OR WILDCAT ANTELOPE CREEK				11. QTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 30 5S 3W
AT SURFACE: 606 FNL / 526 FWL SEC. 30 T5S R3W		BHL Reviewed by HSM				12. COUNTY DUCHESSNE
AT TOP PRODUCING INTERVAL REPORTED BELOW: 607 FNL / 529 FWL SEC. 30 T5S R3W						13. STATE UTAH
AT TOTAL DEPTH: 607 FNL / 531 FWL SEC. 30 T5S R3W						

14. DATE SPURRED: 5/19/2010	15. DATE T.D. REACHED: 5/12/2010	16. DATE COMPLETED: 5/27/2010	ABANDONED <input type="checkbox"/>	READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 6232GL+14' RKB=614
18. TOTAL DEPTH: MD 5,665 TVD 5,665	19. PLUG BACK T.D.: MD 5,608 TVD 5,608	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  ARRAY COMPENSATED TRUE SENSITIVITY / CBL SPECTRAL DNL DUAL SPACED BORE HOLE Vch. Plot				23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)	

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20	14 CONSTRUCTION PIPE	0	0	90		300 G	62	0	CONDUCTO
12.25	8.625 J55	24	0	500		340 G	265	0	
7.875	5.5 J55	15.5	0	5,666		900 G	272	350 CBL	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	5,299							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) GR. RIVER	3,846	5,230			3,846 3,857	.42	44	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					3,940 3,960	.42	80	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					4,104 4,116	.42	48	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)					4,224 4,226	.42	8	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
3846-3857	20,010# 20/40 SAND FRAC. 223 BBLs 20# DELTA 140
3940-3960	25,760# 20/40 SAND FRAC. 224 BBLs 20# DELTA 140 W/400 GALS 15%HCL
4104-4116 / 4224-4226	20,380# 20/40 SAND FRAC. 180 BBLs 20# DELTA 140 W/325 GALS 15%HCL

29. ENCLOSED ATTACHMENTS:

- ☒ ELECTRICAL/MECHANICAL LOGS      ☐ GEOLOGIC REPORT      ☐ DST REPORT      ☒ DIRECTIONAL SURVEY  
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION      ☐ CORE ANALYSIS      ☐ OTHER:

30. WELL STATUS:

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**JUN 22 2010**

DIV. OF OIL, GAS & MINING

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 5/28/2010											TEST DATE: 5/29/2010		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 83		GAS – MCF: 18		WATER – BBL: 85		PROD. METHOD: ROD PUMP	
CHOKE SIZE: 35		TBG. PRESS. 50		CSG. PRESS. 125		API GRAVITY 33.00		BTU – GAS		GAS/OIL RATIO 217		24 HR PRODUCTION RATES: →		OIL – BBL: 83		GAS – MCF: 18		WATER – BBL: 85		INTERVAL STATUS: POW				

## INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

USED FOR FUEL

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				MAHOGANY	2,473
				B MARKER	3,550
				X MARKER	4,033
				Y MARKER	4,070
				DOUGLAS CREEK MARKER	4,177
				B LIME	4,550
				BASE CASTLE PEAK MARKER	5,110
				BASAL CARBONATE	5,542

## 35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Boyd CookTITLE Rig RepSIGNATURE Boyd CookDATE 6-17-10

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
Fax: 801-359-3940

**PETROGLYPH**



UTE TRIBAL 30-04 COMPLETION

**CONTINUATION OF OF PERF. INTERVALS AND FRACS.**

**FORM 8 SEC. 27**

***PERFS. CONT:***

4356-4378=.42 DIA. 88 HOLES OPEN  
4435-4440=.42 DIA. 20 HOLES OPEN  
4730-4740=.42 DIA. 40 HOLES OPEN  
4744-4748=.42 DIA. 16 HOLES OPEN  
4751-4755=.42 DIA. 16 HOLES OPEN  
4762-4766=.42 DIA. 16 HOLES OPEN  
5120-5142=.42 DIA. 88 HOLES OPEN  
5174-5179=.42 DIA. 20 HOLES OPEN  
5205-5230=.42 DIA. 100 HOLES OPEN

***ALL SHOTS 90 DEGREE PHASING***

**FORM 8 SEC. 28**

FRACS. CONT:

***DEPTH INTERVAL:***

4356-4440=45,320# 20/40 SAND FRAC. 351 BBLS. 20# DELTA 140

4730-4766=45,281# 20/40 SAND FRAC. 346 BBLS. 20# DELTA 140 W/325 GALS.  
15% HCL

5120-5230=45,060# 20/40 SAND FRAC. 345 BBLS. 20# DELTA 140 W/650 GALS.  
15% HCL

Job Number: []

State/Country: []

Company: []

Declination: []

Lease/Well: []

Grid: []

Location: []

File name: D:\WINSERVE\30-04.SVY

Rig Name: []

Date/Time: 07-Jun-10 / 16:46

RKB: []

Curve Name: AS DRILLED

G.L. or M.S.L.: []

## Scientific Drilling

## WINSERVE SURVEY CALCULATIONS

Minimum Curvature Method

Vertical Section Plane .00

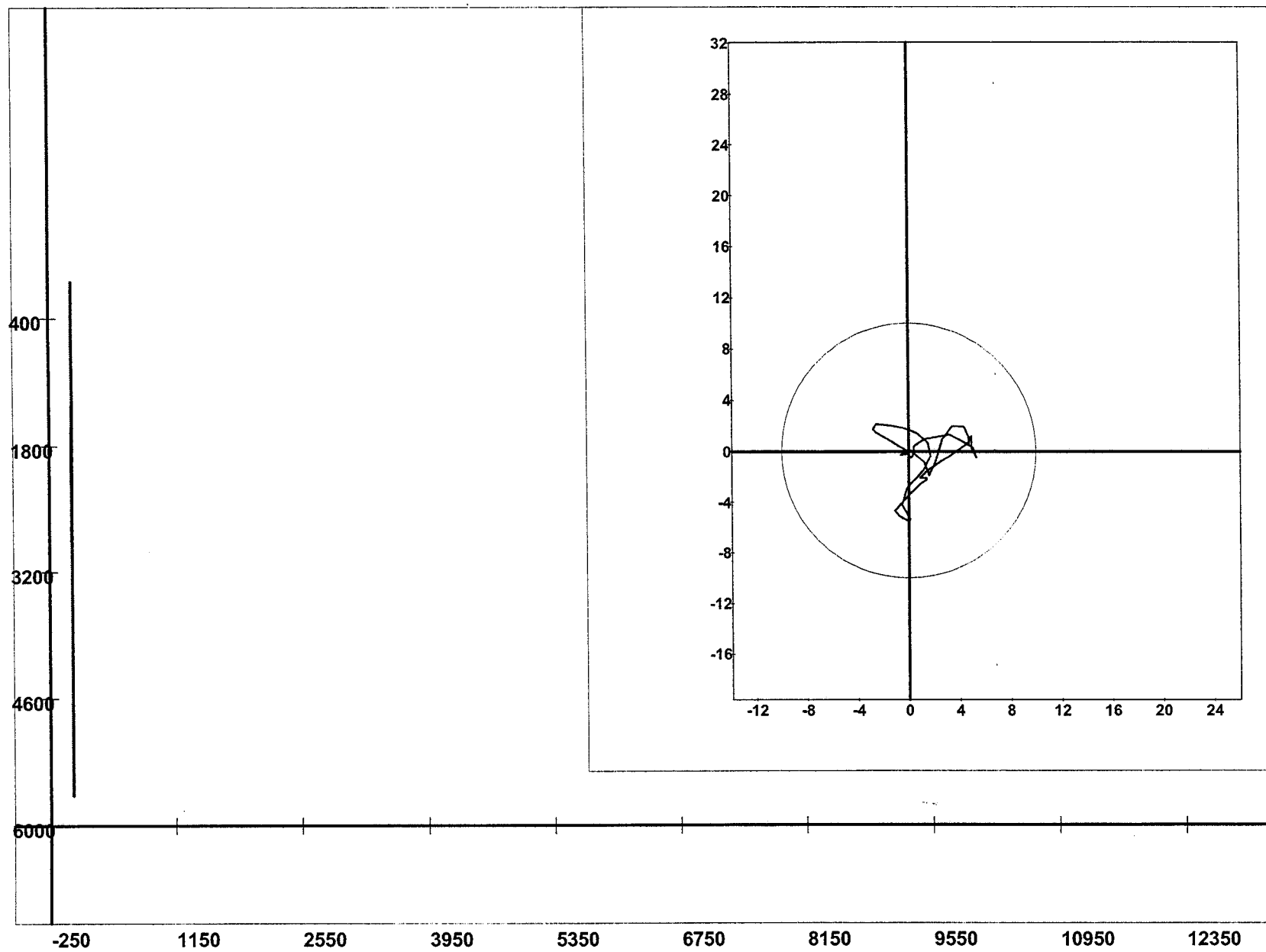
Vertical Section Referenced to Wellhead

Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
546.00	.62	300.69	545.99	1.51	-2.54	1.51	2.95	300.69	.11
577.00	.68	319.27	576.99	1.73	-2.80	1.73	3.30	301.71	.70
669.00	.74	87.37	668.98	2.17	-2.57	2.17	3.36	310.25	1.39
760.00	.75	104.22	759.98	2.05	-1.40	2.05	2.49	325.67	.24
852.00	.49	97.95	851.97	1.85	-.43	1.85	1.90	346.94	.29
974.00	.59	121.00	973.97	1.46	.63	1.46	1.59	23.24	.19
1096.00	.52	143.48	1095.96	.69	1.49	.69	1.64	65.26	.19
1222.00	.55	191.98	1221.96	-.36	1.71	-.36	1.75	102.00	.35
1348.00	.61	221.47	1347.95	-1.46	1.14	-1.46	1.85	142.01	.24
1474.00	1.11	223.66	1473.93	-2.84	-.15	-2.84	2.85	182.99	.40
1600.00	.61	137.39	1599.92	-4.22	-.54	-4.22	4.25	187.25	.98
1725.00	.56	163.63	1724.92	-5.30	.09	-5.30	5.30	179.07	.22



Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
1851.00	.39	329.51	1850.92	-5.52	.04	-5.52	5.52	179.57	.75
1976.00	.54	277.03	1975.91	-5.08	-.76	-5.08	5.13	188.50	.35
2102.00	.37	36.77	2101.91	-4.68	-1.10	-4.68	4.81	193.28	.63
2229.00	.92	42.63	2228.90	-3.60	-.17	-3.60	3.60	182.68	.44
2356.00	.40	50.63	2355.89	-2.57	.86	-2.57	2.71	161.40	.41
2481.00	.18	71.10	2480.89	-2.23	1.39	-2.23	2.63	148.09	.19
2608.00	.17	296.51	2607.89	-2.08	1.41	-2.08	2.51	145.91	.25
2734.00	.33	264.50	2733.89	-2.03	.88	-2.03	2.21	156.59	.16
2858.00	1.26	56.68	2857.88	-1.32	1.66	-1.32	2.12	128.37	1.26
2983.00	.81	59.56	2982.86	-.11	3.57	-.11	3.58	91.83	.36
3110.00	.47	42.98	3109.85	.72	4.70	.72	4.76	81.27	.30
3233.00	.18	316.23	3232.85	1.23	4.91	1.23	5.06	75.94	.40
3359.00	.31	156.64	3358.85	1.06	4.91	1.06	5.02	77.82	.38
3483.00	.47	192.60	3482.85	.26	4.93	.26	4.94	87.03	.23
3610.00	.47	112.17	3609.84	-.45	5.30	-.45	5.32	94.84	.48
3737.00	1.11	322.45	3736.84	.33	5.03	.33	5.05	86.25	1.21
3863.00	1.00	273.03	3862.82	1.36	3.19	1.36	3.47	66.99	.70
3987.00	.92	243.40	3986.80	.97	1.22	.97	1.56	51.64	.40
4112.00	.10	116.24	4111.80	.47	.42	.47	.63	41.98	.79
4239.00	.68	195.35	4238.79	-.31	.32	-.31	.44	133.52	.53
4366.00	.50	4.43	4365.79	-.48	.17	-.48	.51	160.97	.93
4493.00	.35	235.39	4492.79	-.15	-.11	-.15	.19	216.75	.61
4619.00	.21	302.54	4618.79	-.24	-.62	-.24	.67	248.69	.26
4746.00	.91	78.66	4745.78	.08	.17	.08	.19	64.64	.84
4870.00	1.03	175.67	4869.77	-.84	1.22	-.84	1.48	124.45	1.17
4994.00	.27	73.21	4993.77	-1.86	1.58	-1.86	2.45	139.64	.90
5121.00	.90	12.45	5120.76	-.80	2.09	-.80	2.23	111.07	.63
5247.00	.79	21.09	5246.75	.97	2.61	.97	2.79	69.56	.13
5374.00	.48	67.37	5373.74	1.99	3.42	1.99	3.96	59.73	.45
5501.00	.43	120.07	5500.74	1.96	4.32	1.96	4.74	65.59	.32
5602.00	.65	177.08	5601.73	1.20	4.68	1.20	4.83	75.63	.55
--PROJECTION TO BIT--									
5665.00	.65	177.08	5664.73	.48	4.71	.48	4.74	84.13	.00





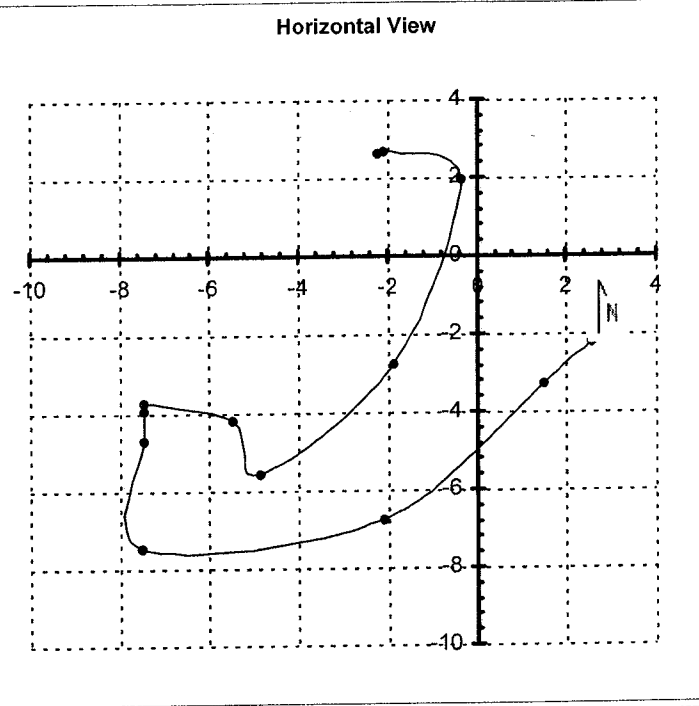
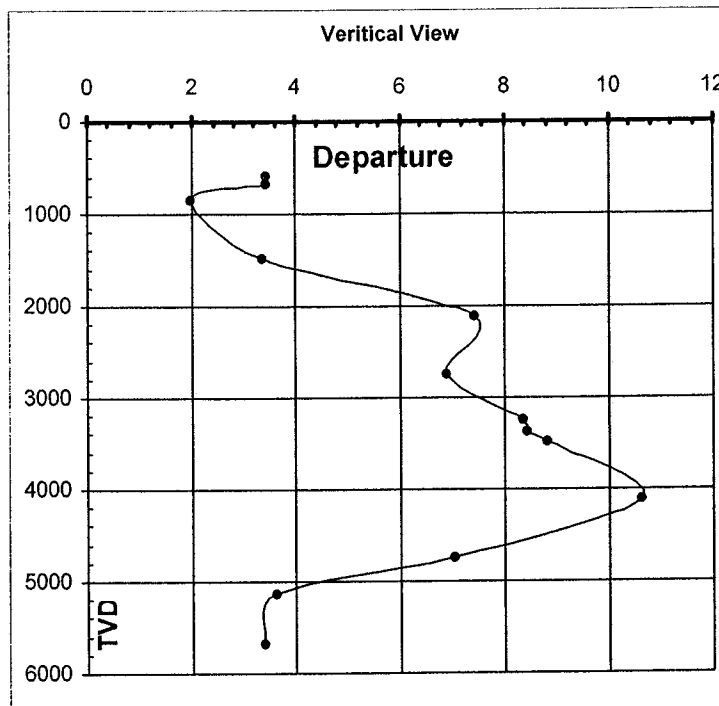
# Petroglyph Energy, Inc.

960 Broadway Ave., Ste. 500  
BOISE, ID 83706  
(208) 685-7600

## Drilling Survey Report

### Well Name: UTE TRIBAL 30-04

Field Name:	ANTELOPE CREEK	S/T/R:	30/5S/3W	County, State:	DUCHESNE, UT
Operator:	PETROGLYPH	Location Desc:	20.6 miles SW of Myton, UT	District:	UTAH



Sur No	Date	Tie In	Meas Dep	Inclination	Azimuth	Desired Az	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
1	5/9/2010	<input type="checkbox"/>	577	0.68	319.30	0.00	576.99	2.60	2.60	-2.23	0.12
2	5/9/2010	<input type="checkbox"/>	669	0.74	123.00	0.00	668.98	2.69	2.69	-2.09	1.53
3	5/10/2010	<input type="checkbox"/>	852	0.49	98.00	0.00	851.97	1.93	1.93	-0.32	0.20
4	5/10/2010	<input type="checkbox"/>	1474	1.11	223.70	0.00	1473.91	-2.79	-2.79	-1.85	0.23
5	5/10/2010	<input type="checkbox"/>	2102	0.36	36.80	0.00	2101.86	-5.61	-5.61	-4.87	0.23
6	5/10/2010	<input type="checkbox"/>	2734	0.33	264.50	0.00	2733.85	-4.19	-4.19	-5.50	0.10
7	5/10/2010	<input type="checkbox"/>	3233	0.18	316.20	0.00	3232.84	-3.77	-3.77	-7.47	0.05
8	5/11/2010	<input type="checkbox"/>	3359	0.31	156.50	0.00	3358.84	-3.94	-3.94	-7.47	0.38
9	5/11/2010	<input type="checkbox"/>	3483	0.47	192.60	0.00	3482.84	-4.74	-4.74	-7.45	0.23
10	5/11/2010	<input type="checkbox"/>	4112	0.10	116.20	0.00	4111.83	-7.50	-7.50	-7.52	0.07
11	5/11/2010	<input type="checkbox"/>	4746	0.91	78.70	0.00	4745.81	-6.76	-6.76	-2.08	0.13
12	5/11/2010	<input type="checkbox"/>	5121	0.90	12.50	0.00	5120.76	-3.30	-3.30	1.47	0.26
13	5/12/2010	<input type="checkbox"/>	5665	0.65	177.10	0.00	5664.71	-2.21	-2.21	2.55	0.28

WELL PROFILE

OPERATOR PETROGIXPH  
 WELL # Ute Tribal 30-04  
 FIELD Antelope Canyon  
 COUNTY Duchesne  
 STATE Utah  
 DATE 5-27-10

☒ NEW COMPLETION
 ☐ WORKOVER

	Casing	Liner	Tubing
SIZE	8 1/8	5 1/2	2 7/8
WEIGHT	21#	15.5	6.5
GRADE	J-55	J-55	J-55
THREAD	5/8	1 1/2	8/22
DEPTH	516	5652	5258

ITEM NO.	EQUIPMENT AND SERVICES		
	KB	14.00	
1	12034's 2 7/8 6.5" J-55 8ml	3783.14	3799.14
2	5 1/2" TAC w/ 45 Shear New	280	3799.94
3	41734's 2 7/8 6.5" J-55 8ml	1464.89	5264.83
4	2 7/8 PSN (2.2826) New	1.10	5265.93
5	2 7/8 Poor Boy MAB Anchor 2 7/8 6.5 J-55 8ml	3232	5298.25
6	2 7/8 N/C w/ Stop Bar	.45	5298.70
	* Note Poor Boy 3/slot's staggered 1/2" x 10" long (3)		
	1 1/2 x 22' R/L w/ Liner		
5	Pony's 2 3-4' 48'		
71	7/8 Grade D Guide 5/8" New		
138	3/4 Grade D Guide 2 5/8" New		
	2 1/2 x 1 1/4 x 12 x 15 x 17 12 HAC Spray metal		
	National # 3cup Top Single Valve		
	* Saw Screen DWRB + of pump 8' long		
	Perfor's		
B7.3	3846-57 c 44HIS		
B10	3940-60 c 80HIS		
C2	4104-16 c 48HIS		
C5	4224-26 c 8HIS		
C6	4356-78 c 88HIS		
C8.1	4435-410 c 20HIS		
D7	4130-40, 414-48, 51-55, 62-66 c 88HIS		
E1.1	5120-42 c 88HIS		
F12	5174-79 c 20HIS & F2.1 5205-30 c 100HIS		

COMMENTS:

PSTD. @

5652

RTD

PREPARED BY

OFFICE

PHONE

# MOUNTAIN STATES

Brighton, CO

Farmington, NM

Vernal, UT

Cortez, CO

Sterling, CO

Hilcorp Energy Corporation  
PIPE RECORD

LEASE & WELL NO. Ute Tribal 30-04 DATE 5/12/2010

COUNTY OR PARISH & STATE Duchesne PIPE SIZE 5.5

HOLE SIZE 7 7/8 KELLY DR. BUSHING ELEV. 14'

CHECK TYPE STRING: ☐ DRIVE PIPE ☐ CONDUCTOR ☐ SURFACE ☐ INTERMEDIATE

☐ LINER ☒ PRODUCTION ☐ TUBING (IF DUAL, INDICATE AS UPPER OR LOWER)

SHOW EVERY PIECE OF EQUIPMENT GOING INTO HOLE IN ORDER RUN

COL 1		COL 2		COL 3		COL 4		COL 5		COL 6		COL 7		COL 8	
WT.	GRADE	WT.	GRADE	WT.	GRADE	WT.	GRADE	WT.	GRADE	WT.	GRADE	WT.	GRADE	WT.	GRADE
JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET
1	1.00	46	45.10	91	45.10	136		181		226		271		316	
2	45.10	47	45.10	92	44.60	137		182		227		272		317	
3	1.50	48	45.10	93	45.10	138		183		228		273		318	
4	45.10	49	45.10	94	45.10	139		184		229		274		319	
5	45.10	50	45.10	95	45.10	140		185		230		275		320	
6	44.60	51	44.50	96	45.10	141		186		231		276		321	
7	45.10	52	45.10	97	45.10	142		187		232		277		322	
8	45.10	53	45.10	98	45.10	143		188		233		278		323	
9	45.10	54	45.10	99	45.10	144		189		234		279		324	
10	45.10	55	45.10	100	45.10	145		190		235		280		325	
11	45.10	56	45.10	101	45.10	146		191		236		281		326	
12	45.10	57	45.20	102	45.10	147		192		237		282		327	
13	45.10	58	45.10	103	44.60	148		193		238		283		328	
14	45.10	59	45.10	104	44.40	149		194		239		284		329	
15	45.10	60	45.10	105	44.40	150		195		240		285		330	
16	45.10	61	45.10	106	45.10	151		196		241		286		331	
17	45.10	62	45.10	107	44.60	152		197		242		287		332	
18	45.10	63	45.10	108	44.70	153		198		243		288		333	
19	45.10	64	45.10	109	45.10	154		199		244		289		334	
20	45.10	65	45.10	110	45.10	155		200		245		290		335	
21	45.10	66	44.70	111	45.10	156		201		246		291		336	
22	45.10	67	45.10	112	44.70	157		202		247		292		337	
23	45.10	68	45.10	113	45.10	158		203		248		293		338	
24	45.10	69	45.10	114	45.10	159		204		249		294		339	
25	45.10	70	45.10	115	45.10	160		205		250		295		340	
26	45.10	71	45.10	116	44.60	161		506		251		296		341	
27	45.10	72	45.10	117	45.10	162		207		252		297		342	
28	45.10	73	45.10	118	44.60	163		208		253		298		343	
29	45.10	74	44.50	119	45.10	164		209		254		299		344	
30	45.10	75	45.10	120	45.10	165		210		255		300		345	
31	44.40	76	45.10	121	45.10	166		211		256		301		346	
32	45.10	77	45.10	122	45.10	167		212		257		302		347	
33	45.10	78	45.10	123	45.10	168		213		258		303		348	
34	44.80	79	45.10	124	45.10	169		214		259		304		349	
35	44.70	80	45.10	125	45.10	170		215		260		305		350	
36	45.10	81	45.10	126	45.10	171		216		261		306		351	
37	45.10	82	45.10	127	44.70	172		217		262		307		352	
38	45.10	83	45.10	128	44.50	173		218		263		308		353	
39	22.80	84	44.40	129		174		219		264		309		354	
40	45.10	85	44.70	130		175		220		265		310		355	
41	45.10	86	45.10	131		176		221		266		311		356	
42	45.10	87	45.10	132		177		222		267		312		357	
43	45.10	88	45.10	133		178		223		268		313		358	
44	45.10	89	45.10	134		179		224		269		314		359	
45	45.10	90	45.10	135		180		225		270		315		360	
TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL	
1917.60		2026.90		1708.10		0.00		0.00		0.00		0.00		0.00	

(see Page 2 for recap)

Dean Davis  
COMPANY REPRESENTATIVE

[illegible]

ITEM	JOINTS	O.D.	WEIGHT	GRADE	THREAD	MAKE	FEET
Shoe		5.5					1
Casing joint	1	5.5	15.5	J-55	LTC		45.1
Float		5.5					1.5
Casing	35	5.5	15.5	J-55	LTC		1576.6
Marker Joint	1	5.5	15.5	J-55	LTC		22.8
Casing	89	5.5	15.5	J-55	LTC		4005.6
						SUBTOTAL	5652.6

	RKB	
	TOTAL	5652.6

5-17-10

Install and weld on 5 1/2" x 7 1/16" x 5K Tbg head. Test void to 3,000psi, 80% of collapse. Clean out flat tank, unload tbg, Sopt and RU Monument Well #712. NU 7 1/16" x 5K double gate bop, RU Flr. PU 4 3/4" tri-cone bit and 5 1/2" scraper. RIH w/ same Strap and rabbit tbg(Note: Having trouble w/ rabbit due to dehydrated oil in tbg.) EOT @ 2700'+/- SWIFN @ 1800 hrs. 187 jts jbg on loc

5-18-10

Open well @ 0700 hrs w/0 SICP & 0 SITP. Resume RIH PU 2 7/8" tbg as needed and tag @ 5,604'ft. Circ hole clean w/ 140 bbls 3% Kcl water. Pooh w/ 4 3/4" bit and scraper. Lay down same. RU Cased Hole Solutions and run GR/CBL from 5,580'ft to 50'. ETOC @ 350'ft Short JT @ 3,859' to 3,882'ft. Bond looked good enough not to relog under pressure. RD Cased Hole Solutions. PU used 2 7/8" Psn and RIH w/ Standing valve in place.(tbg string dose not look very good) Test tbg @ 2,200'ft to 3400psi(ok), RIH and test @ 4,400'ft to 2400psi(ok). SWIFN Will resume test in A.M. NOTE: all pressures @ surface pressure.

5-19-10

Open well @ 0700 hrs w/ 0 SITP & 0 SICP. Resume RIH to 5,600'ft fill and test tbg to 1,900psi(all tbg tested)Retreive standing valve. Pooh w/ tbg and Psn. RD Flr, ND Bop, NU 7 1/16" x 5K frac valve for frac on Friday. SWIFN @ 1100hrs.

5-20-10

Open well @ 0700 hrs w/ 0 SICP. RU Cased Hole Soluitons w/ 3 1/8" perf gun's containing 22.7 gram charge's @ 0.42" EHD, 35.10" TTP, @ 4 spf @ 908 phased, and Perf zone #1:

E 2.1	5,205' – 30'	25' @ 4 spf @ 90* Phased
E 1.2	5,174' – 79'	5' @ 4 spf @ 90* Phased
E 1.1	5,120' – 42'	22' @ 4 spf @ 90* Phased
Total Hls 208		

Petroglyph Energy  
UT: 30-04

Foreman: Leon Roush  
Antelope Canyon

Rig stand-by for frac in A.M. Fill hole w/ 16 bbls 3% Kcl water and break down perf 5,120' – 5,230' @ 2400psi @ 1 BPM, pump 10 bbls into formation @ 1500psi @ 1 ¾ BPM. ISIP @ 1,000psi w/ 0.63 frac grad. SWIFN

5-21-10

Open well w/ 0 SICP, RU Halliburton and frac Zone #1 5120-5230 @ 208 hls. Formation broke @ 2,479psi @ 8.67 BPM. Frac as per design. Avg pressure @ 2,000psi, Avg Rate @ 31.95 bpm, Max pressure @ 2,479 psi, Max rate @ 35.6 bpm, ISIP @ 1,818psi, 5 min @ 1700psi, 10 min @ 1,668psi, 15 min @ 1,646psi. Frac Grad @ 0.78 Job was 100% placed. 624 bbls pumped w/ 741 accum bbls TLWLTR, 45,060#'s pumped 20/40 Mesh white premium. 45,060 accum #'s sand pumped

325 gal 15% Hcl

6102 gal 10# Water frac pad

12483 gal 20# Delta frac140 containing 1#-5#ppg ramp 20/40 mesh prem white, 37,430#'s

1991 gal 20# Delta frac 140 containing 6#ppg 20/40 mesh prem white, 7630#'s

423 gal 10# Water frac spacer

325 gal 15% Hcl

4555 gal 10# Water frac flush

RIH w/ 3 1/8" perf guns containing: 22.7 gram charges, 0.42 EHD & 35.10 TTP @ 4 spf @ 90\* phased w/ 5 1/2" composite plug and set Plug @ 5,050' ft. Perf : Zone #2

D7 4762-66' 4' @ 4 spf @ 90\* Phased

4751-55' 4' @ 4 spf @ 90\* Phased

4744-48' 4' @ 4 spf @ 90\* Phased

4730-40' 11' @ 4 spf @ 90\* Phased

88 Hls

RU Halliburton and frac Zone #2: 4730-4766 @ 88 hls. Formation broke @ 2,016psi @ 7.4 BPM. Frac as per design. Avg pressure @ 2,141psi, Avg Rate @ 33.3 bpm, Max pressure @ 2,939 psi, Max rate @ 35.56 bpm, ISIP @ 2,221psi, 5 min @ 2,079psi, 10 min @ 2,015psi, 15 min @ 1,976psi. Frac Grad @ 0.90 Job



Petroglyph Energy  
UT: 30-04

Foreman: Leon Roush  
Antelope Canyon

was 100% placed. 591 bbls pumped w/ 1,332 accum bbls TLWLTR, 45,281#'s pumped 20/40 Mesh white premium. 90,341 accum #'s sand pumped

5306 gal 10# Water frac pad  
12245 gal 20# Delta frac140 containing 1#-5#ppg ramp 20/40 mesh prem white, 36,860#'s  
2289 gal 20# Delta frac 140 containing 6#ppg 20/40 mesh prem white, 8421#'s  
348 gal 10# Water frac spacer  
325 gal 15% Hcl  
4330 gal 10# Water frac flush

RIH w/ 3 1/8" perf guns containing: 22.7 gram charges, 0.42 EHD & 35.10 TTP @ 4 spf @ 90\* phased w/ 5 1/2" composite plug and set Plug @ 4,640' ft. Perf : Zone #3

C6 4356'-78' 22' @ 4 spf @ 90\* Phased  
4435'-40' 5' @ 4 spf @ 90\* Phased  
108 Hls

RU Halliburton and frac Zone #3: 4356-4440 @108 hls. Formation broke @ 3,829psi @ 5.03 BPM. Frac as per design. Avg pressure @ 2,288psi, Avg Rate @ 34 bpm, Max pressure @ 3841psi, Max rate @ 35.76 bpm, ISIP @ 2,174psi, 5 min @ 1,980psi, 10 min @ 1,912psi, 15 min @ 1,870psi. Frac Grad @ 0.96 Job was 100% placed. 589 bbls pumped w/ 1,921 accum bbls TLWLTR, 45,320#'s pumped 20/40 Mesh white premium. 135,661 accum #'s sand pumped

5323 gal 10# Water frac pad  
12474 gal 20# Delta frac140 containing 1#-5#ppg ramp 20/40 mesh prem white, 36510#'s  
2262 gal 20# Delta frac 140 containing 6#ppg 20/40 mesh prem white, 8810#'s  
436 gal 10# Water frac spacer  
350 gal 15% Hcl  
3901 gal 10# Water frac flush

RIH w/ 3 1/8" perf guns containing: 22.7 gram charges, 0.42 EHD & 35.10 TTP @ 4 spf @ 90\* phased w/ 5 1/2" composite plug and set Plug @ 4,300' ft. Perf : Zone #4

C2 4104'-16' 12' @ 4 spf @ 90\* Phased  
C5 4224'-26' 2' @ 4 spf @ 90\* Phased  
56 Hls

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UT: 30-04

Foreman: Leon Roush  
Antelope Canyon

RU Halliburton and frac Zone #4: 4,104-4226 @ 56 hls. Formation broke @ 2,462psi @ 2.4 BPM. Frac as per design. Avg pressure @ 3,131psi, Avg Rate @ 29.98 bpm, Max pressure @ 3,335psi, Max rate @ 34.4 bpm, ISIP @ 2,693psi, 5 min @ 2,293psi, 10 min @ 2,166psi, 15 min @ 2,099psi. Frac Grad @ 1.08 Job was 100% placed. 333 bbls pumped w/ 2,254 accum bbls TLWLTR, 20,380#'s pumped 20/40 Mesh white premium. 156,041 accum #'s sand pumped . Backed down rate to 30 bpm @ 35 bpm pressure had good incline and getting tighter

2243 gal 10# Water frac pad  
7565 gal 20# Delta frac140 containing 1#-5#ppg ramp 20/40 mesh prem white, 20,380#'s  
168 gal 10# Water frac spacer  
325 gal 15% Hcl  
3670 gal 10# Water frac flush

RIH w/ 3 1/8" perf guns containing: 22.7 gram charges, 0.42 EHD & 35.10 TTP @ 4 spf @ 90\* phased w/ 5 1/2" composite plug and set Plug @ 4,050'ft. Perf : Zone #5  
B10 3940'-60' 20' @ 4 spf @ 90\* Phased  
80 Hls

RU Halliburton and frac Zone #5: 3,940' - 60' @ 80 hls. Formation broke @ 2,955psi @ 5.374 BPM. Frac as per design. Avg pressure @ 2,301psi, Avg Rate @ 33.24 bpm, Max pressure @ 2,965psi, Max rate @ 35.58 bpm, ISIP @ 2,224psi, 5 min @ 1,925psi, 10 min @ 1,768psi, 15 min @ 1,674psi. Frac Grad @ 1.00 Job was 100% placed. 397 bbls pumped w/ 2,651 accum bbls TLWLTR, 25,760#'s pumped 20/40 Mesh white premium. 181,801 accum #'s sand pumped .

2975 gal 10# Water frac pad  
9397 gal 20# Delta frac140 containing 1#-5#ppg ramp 20/40 mesh prem white, 25760#'s  
344 gal 10# Water frac spacer  
400 gal 15% Hcl  
3540 gal 10# Water frac flush

RIH w/ 3 1/8" perf guns containing: 22.7 gram charges, 0.42 EHD & 35.10 TTP @ 4 spf @ 90\* phased w/ 5 1/2" composite plug and set Plug @ 3,900'ft. Perf : Zone #6

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Foreman: Leon Roush  
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B7.3 3846'-57' 11' @ 4 spf @ 90\* Phased  
44 Hls

RU Halliburton and frac Zone #6: 3,846' - 57' @ 44 hls. Formation broke @ 2,571psi @ 5.4 BPM. Frac as per design. Avg pressure @ 2,656psi, Avg Rate @ 32.4 bpm, Max pressure @ 2,918psi, Max rate @ 35.6 bpm, ISIP @ 2,439psi, 5 min @ 2,173psi, 10 min @ 2,062psi, 15 min @ 2,035psi. Frac Grad @ 1.07 Job was 100% placed. 397 bbls pumped w/ 3,048 accum bbls TLWLTR, 20,010#'s pumped 20/40 Mesh white premium. 201,811 accum #'s sand pumped .

2985 gal 10# Water frac pad  
6702 gal 20# Delta frac140 containing 1#-5#ppg ramp 20/40 mesh prem white, 20010#'s  
3890 gal 10# Water frac flush

SWIFN. RD Cased Hole Solutions and Halliburton TLWLTR 3048 bbls

5-22-10

Open well @ 0700hrs w/ 800 SICP. Bleed down well to pit w/ 25 bbls load water rec. ND 7 1/16" x 5K frac valve, NU 7 1/16" x 5K double gate bop, RU flr. PU and MU 4 3/4" used Tri-cone bit and RIH w/ same. Tag fill @ 3,848'ft, lay down tbg and retag. RU swivel, Washington head, clean out fill from 3,848'ft to plug @ 3,900'ft and drill out plug#1.(seen trace of oil on btm's up) RIH and tag @ 4,035'. Clean out and drill out plug#2 @ 4,050'. Circ clean, RIH and tag @ 4,282' clean out and drill out plug #3 @ 4,300'. Circ clean, RIH and tag @ 4,630'. Clean out and drill out plug #4 @ 4,640'ft and circ clean. Rih and tag @ 5,035', clean out and drill out plug @ 5,050'. When drill out plug #5 Had approx 500psi under plug (flowed back 85 bbls) RD swivel and Pooh to 3800'ft SWIFN w/2,923 bbls TLWLTR 4% rec 125 bbls flowed/displaced

5-24-10

Open well @ 0700 hrs w/ 225 SITP & 225 SICP. Blow down well w/ approx 40 bbls rec. Pump 30 bbls down tbg to kill tbg. RIH and tag @ 5,576', RU swivel , clean out nose cone from plug #5 and clean to PBTD @ 5,605'ft. Circ clean, Pooh to 3,800'ft RD swivel, Washington head, resume Pooh w/ tbg and lay down 4 3/4" Tri-cone bit. PU and MU 2 7/8" prod BHA and RIH w/ same. RU to

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swab tbg w/ EOT @ 5,267', well trying to flow. Flowed 16 bbls in 1 hr.(99%load water) Swab/ flow well w/ IFL @ surface, FFL @ 300'ft, 5 runs, 210 bbls accum rec today(flow/displaced), 431 total accum, 2,617 bbls TLWLTR 14% rec Max oil cut @ 20%. Fairly good gas. SICP @ 160psi SWIFN

5-25-10

Open well @ 0700 hrs after 14hr shut-in w/ 310 SITP & 410 SICP. Blow down tbg . Well flowing, flow/ swab/ flow and monitor fluids. IFL @ scattered, FFL @ 3150'ft, 185 bbls swabbed/flowed, 10 runs made (155 bbls load, 30 bbls oil approx). 2,462 bbls TLWLTR, 586 bbls accum load rec, 19.2% rec Max oil cut 25% SICP 375

5-26-10

Open well @ 0700 hrs after 13.5 hrs shut-in w/ 350 SITP & 530 SICP. Blow down tbg(well flowing) Flow/swab/flow, monitor fluid and oil cut. IFL w/ swab @ scattered, FFL @ 2,200'ft, 5 runs made, 124 bbls total, rec(75 load water, 49 oil) 661 accum bbls to date, 2,387 bbls TLWLTR, 21% rec. Max oil cut @ 45% , 500 SICP. RU and circulate hole clean. Lost 102 bbls cleaning. RIH from 5,267' and tag @ 5,605'. Pooh lay down tbg as needed. Preset 5 1/2" B-2 Tac. RD Flr, ND 7 1/16" x 5K bop, install 7 1/16" x 5K x 2 7/8" 8rd B-1 flange. Land tbg w/ 15K tension @ tac. 2,489 bbls TLWLTR!!!!!! NU prod, Change to rods. PU and prime pump w/ corrosion inhibitor, pour 8 gal corr inh down tbg, install sand screen on pump and RIH w/ same, PU rods as needed(138 - 3/4" rods). SWIFN

Tbg Detail:

KB	14.00'	
120 Jts 2 7/8" 6.5# J-55 8rd tbg	3,783.14'	3,797.14'ft
5 1/2" B-2 Tac(new)	2.80'	3,799.94'ft
47 jts 2 7/8" 6.5# J-55 8rd tbg	1,464.89'	5,264.83'ft
2 7/8" Psn(2.28ID) new	1.10'	5,265.93'ft
2 7/8" Poor Boy Mud anchor***	32.32'	5,298.25'ft
2 7/8" N/C w/ stop bar	.45'	5,298.70'ft

\*\*\* Mud anchor has 3 slots 18" down from collar 1/2" wide x 10 long spiraled down.

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5-27-10

Open well @ 0700 hrs w/ 00SITP & 00 SICP. Resume RIH PU rods as needed. Seat and space out pump. Fill tbg w/  $\frac{1}{4}$  bbl load water, Stroke test to 900psi. Respace rods 6" off tag. RD Monument #712, police loc, RD pump and tank. Move rig off edge of loc on UT: 30-12.

Rod Detail:

1  $\frac{1}{2}$ " x 22' PR w/ 1  $\frac{1}{2}$ " x 1  $\frac{3}{4}$ " x 10' liner  
2' x  $\frac{7}{8}$ ", 3 - 4' x  $\frac{7}{8}$ ", 8 -  $\frac{7}{8}$ " ponys  
71 -  $\frac{7}{8}$ " Grade "D" guided 5/per (New)  
138 -  $\frac{3}{4}$ " Grade "D" guided 5/per (New)  
2  $\frac{1}{2}$ " x 1  $\frac{1}{2}$ " x 12' x 15' x 17' RHAC Spray Metal  
National #216 3 cup top single valve  
8' sand screen

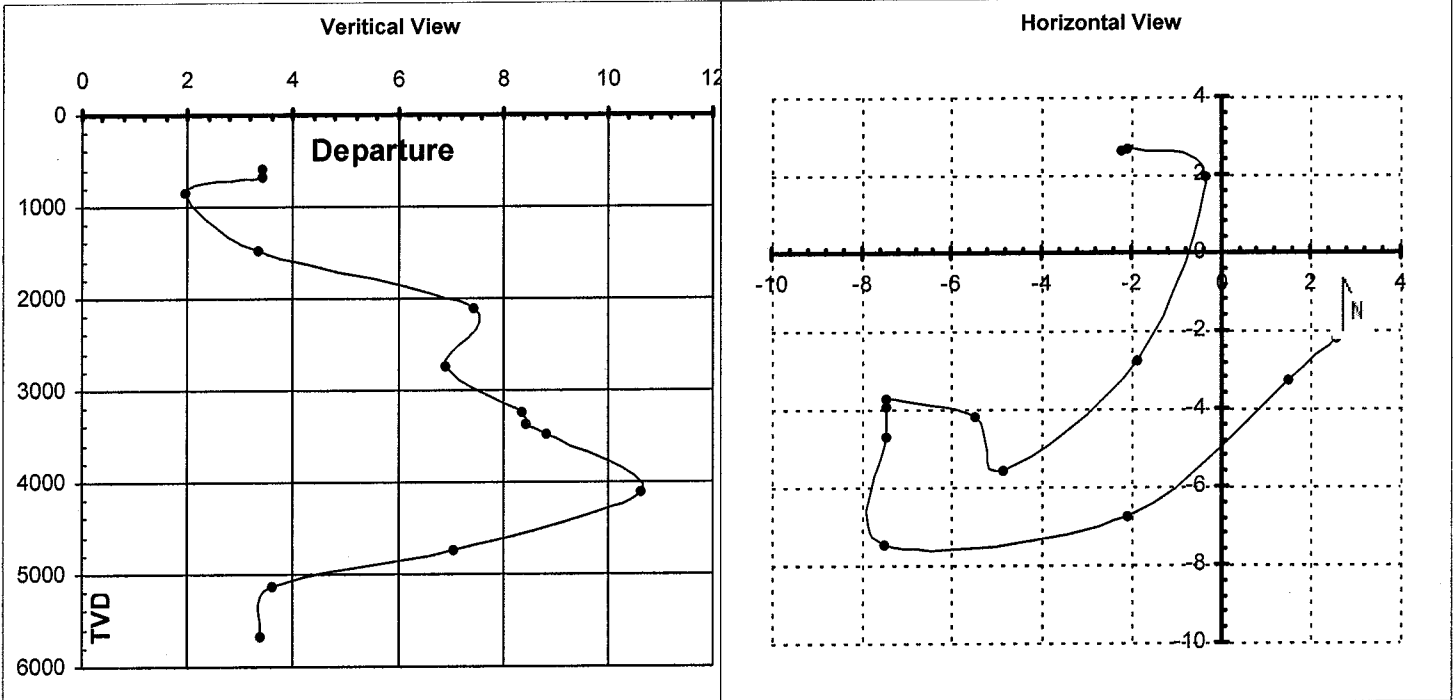
# Petroglyph Energy, Inc.

960 Broadway Ave., Ste. 500  
BOISE, ID 83706  
(208) 685-7600

## Drilling Survey Report

### Well Name: UTE TRIBAL 30-04

Field Name:	ANTELOPE CREEK	S/T/R:	30/5S/3W	County, State:	DUCHESNE, UT
Operator:	PETROGLYPH	Location Desc:	20.6 miles SW of Myton, UT	District:	UTAH



Sur No	Date	Tie In	Meas Dep	Inclination	Azimuth	Desired Az	TVD	Vert Sect	N/S(+/-)	E/W(+/-)	DLS
1	5/9/2010	<input type="checkbox"/>	577	0.68	319.30	0.00	576.99	2.60	2.60	-2.23	0.12
2	5/9/2010	<input type="checkbox"/>	669	0.74	123.00	0.00	668.98	2.69	2.69	-2.09	1.53
3	5/10/2010	<input type="checkbox"/>	852	0.49	98.00	0.00	851.97	1.93	1.93	-0.32	0.20
4	5/10/2010	<input type="checkbox"/>	1474	1.11	223.70	0.00	1473.91	-2.79	-2.79	-1.85	0.23
5	5/10/2010	<input type="checkbox"/>	2102	0.36	36.80	0.00	2101.86	-5.61	-5.61	-4.87	0.23
6	5/10/2010	<input type="checkbox"/>	2734	0.33	264.50	0.00	2733.85	-4.19	-4.19	-5.50	0.10
7	5/10/2010	<input type="checkbox"/>	3233	0.18	316.20	0.00	3232.84	-3.77	-3.77	-7.47	0.05
8	5/11/2010	<input type="checkbox"/>	3359	0.31	156.50	0.00	3358.84	-3.94	-3.94	-7.47	0.38
9	5/11/2010	<input type="checkbox"/>	3483	0.47	192.60	0.00	3482.84	-4.74	-4.74	-7.45	0.23
10	5/11/2010	<input type="checkbox"/>	4112	0.10	116.20	0.00	4111.83	-7.50	-7.50	-7.52	0.07
11	5/11/2010	<input type="checkbox"/>	4746	0.91	78.70	0.00	4745.81	-6.76	-6.76	-2.08	0.13
12	5/11/2010	<input type="checkbox"/>	5121	0.90	12.50	0.00	5120.76	-3.30	-3.30	1.47	0.26
13	5/12/2010	<input type="checkbox"/>	5665	0.65	177.10	0.00	5664.71	-2.21	-2.21	2.55	0.28

Job Number: []

State/Country: []

Company: []

Declination: []

Lease/Well: []

Grid: []

Location: []

File name: D:\WINSERVE\30-04.SVY

Rig Name: []

Date/Time: 07-Jun-10 / 16:46

RKB: []

Curve Name: AS DRILLED

G.L. or M.S.L.: []

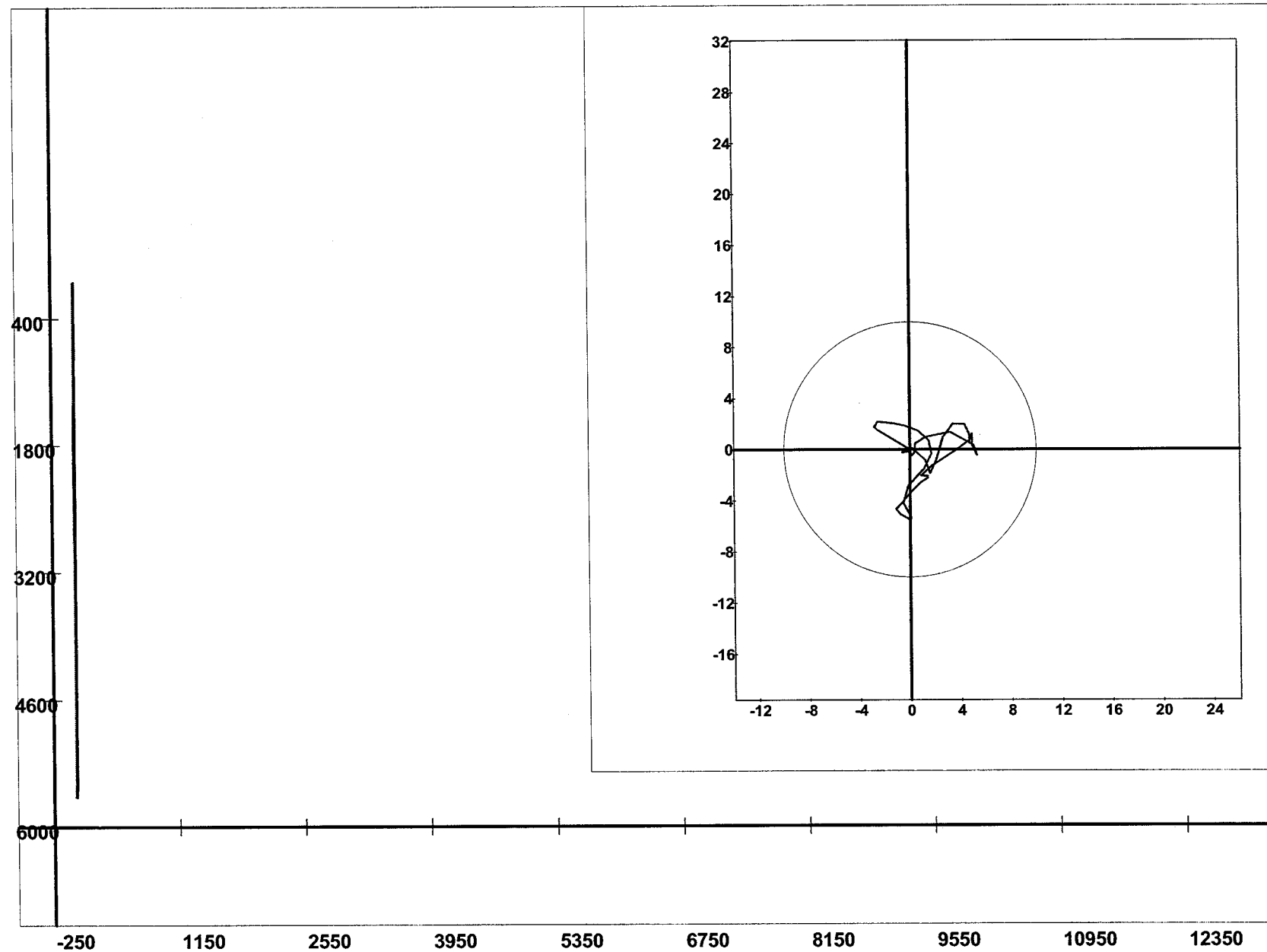
### Scientific Drilling

WINSERVE SURVEY CALCULATIONS  
 Minimum Curvature Method  
 Vertical Section Plane .00  
 Vertical Section Referenced to Wellhead  
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
546.00	.62	300.69	545.99	1.51	-2.54	1.51	2.95	300.69	.11
577.00	.68	319.27	576.99	1.73	-2.80	1.73	3.30	301.71	.70
669.00	.74	87.37	668.98	2.17	-2.57	2.17	3.36	310.25	1.39
760.00	.75	104.22	759.98	2.05	-1.40	2.05	2.49	325.67	.24
852.00	.49	97.95	851.97	1.85	-.43	1.85	1.90	346.94	.29
974.00	.59	121.00	973.97	1.46	.63	1.46	1.59	23.24	.19
1096.00	.52	143.48	1095.96	.69	1.49	.69	1.64	65.26	.19
1222.00	.55	191.98	1221.96	-.36	1.71	-.36	1.75	102.00	.35
1348.00	.61	221.47	1347.95	-1.46	1.14	-1.46	1.85	142.01	.24
1474.00	1.11	223.66	1473.93	-2.84	-.15	-2.84	2.85	182.99	.40
1600.00	.61	137.39	1599.92	-4.22	-.54	-4.22	4.25	187.25	.98
1725.00	.56	163.63	1724.92	-5.30	.09	-5.30	5.30	179.07	.22

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
1851.00	.39	329.51	1850.92	-5.52	.04	-5.52	5.52	179.57	.75
1976.00	.54	277.03	1975.91	-5.08	-.76	-5.08	5.13	188.50	.35
2102.00	.37	36.77	2101.91	-4.68	-1.10	-4.68	4.81	193.28	.63
2229.00	.92	42.63	2228.90	-3.60	-.17	-3.60	3.60	182.68	.44
2356.00	.40	50.63	2355.89	-2.57	.86	-2.57	2.71	161.40	.41
2481.00	.18	71.10	2480.89	-2.23	1.39	-2.23	2.63	148.09	.19
2608.00	.17	296.51	2607.89	-2.08	1.41	-2.08	2.51	145.91	.25
2734.00	.33	264.50	2733.89	-2.03	.88	-2.03	2.21	156.59	.16
2858.00	1.26	56.68	2857.88	-1.32	1.66	-1.32	2.12	128.37	1.26
2983.00	.81	59.56	2982.86	-.11	3.57	-.11	3.58	91.83	.36
3110.00	.47	42.98	3109.85	.72	4.70	.72	4.76	81.27	.30
3233.00	.18	316.23	3232.85	1.23	4.91	1.23	5.06	75.94	.40
3359.00	.31	156.64	3358.85	1.06	4.91	1.06	5.02	77.82	.38
3483.00	.47	192.60	3482.85	.26	4.93	.26	4.94	87.03	.23
3610.00	.47	112.17	3609.84	-.45	5.30	-.45	5.32	94.84	.48
3737.00	1.11	322.45	3736.84	.33	5.03	.33	5.05	86.25	1.21
3863.00	1.00	273.03	3862.82	1.36	3.19	1.36	3.47	66.99	.70
3987.00	.92	243.40	3986.80	.97	1.22	.97	1.56	51.64	.40
4112.00	.10	116.24	4111.80	.47	.42	.47	.63	41.98	.79
4239.00	.68	195.35	4238.79	-.31	.32	-.31	.44	133.52	.53
4366.00	.50	4.43	4365.79	-.48	.17	-.48	.51	160.97	.93
4493.00	.35	235.39	4492.79	-.15	-.11	-.15	.19	216.75	.61
4619.00	.21	302.54	4618.79	-.24	-.62	-.24	.67	248.69	.26
4746.00	.91	78.66	4745.78	.08	.17	.08	.19	64.64	.84
4870.00	1.03	175.67	4869.77	-.84	1.22	-.84	1.48	124.45	1.17
4994.00	.27	73.21	4993.77	-1.86	1.58	-1.86	2.45	139.64	.90
5121.00	.90	12.45	5120.76	-.80	2.09	-.80	2.23	111.07	.63
5247.00	.79	21.09	5246.75	.97	2.61	.97	2.79	69.56	.13
5374.00	.48	67.37	5373.74	1.99	3.42	1.99	3.96	59.73	.45
5501.00	.43	120.07	5500.74	1.96	4.32	1.96	4.74	65.59	.32
5602.00	.65	177.08	5601.73	1.20	4.68	1.20	4.83	75.63	.55
--PROJECTION TO BIT--									
5665.00	.65	177.08	5664.73	.48	4.71	.48	4.74	84.13	.00





STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS			5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H623519	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE	
			7. UNIT or CA AGREEMENT NAME: 1420H624650	
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			8. WELL NAME and NUMBER: UTE TRIBAL 30-04	
2. NAME OF OPERATOR: PETROGLYPH OPERATING COMPANY, INC.			9. API NUMBER: 4301334055	
3. ADDRESS OF OPERATOR: PO BOX 607 CITY ROOSEVELT STATE UT ZIP 84066			10. FIELD AND POOL, OR WILDCAT: ANTELOPE CREEK	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 606' FNL & 526' FWL			COUNTY: DUCHESNE	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 30 T5S R3W			STATE: UTAH	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: SPUD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

WE SPUD ON 3/17/2010 AT 1:00 PM

RECEIVED

JUL 26 2011

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Leon Roush	TITLE Rig Supervisor
SIGNATURE <i>LM. Roush</i>	DATE 7/21/2011

(This space for State use only)

(5/2000)

(See Instructions on Reverse Side)